

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054302.D
 Acq On : 30 May 2023 09:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 06:17:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.369	168	217782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	341450	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	330579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	181475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	140032	49.050	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.100%
35) Dibromofluoromethane	5.282	113	112558	51.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	7.893	98	422395	50.503	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.000%
62) 4-Bromofluorobenzene	10.629	95	161993	49.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	126767	52.142	ug/l	100
3) Chloromethane	1.520	50	159510	50.107	ug/l	96
4) Vinyl Chloride	1.604	62	154261	50.788	ug/l	99
5) Bromomethane	1.855	94	77480	46.082	ug/l	99
6) Chloroethane	1.925	64	73538	50.205	ug/l	97
7) Trichlorofluoromethane	2.131	101	202062	48.356	ug/l	98
8) Diethyl Ether	2.372	74	76762	49.622	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	114076	50.422	ug/l	97
10) Methyl Iodide	2.719	142	130892	48.377	ug/l	97
11) Tert butyl alcohol	3.227	59	180284	233.781	ug/l #	43
12) 1,1-Dichloroethene	2.575	96	111345	47.531	ug/l	95
13) Acrolein	2.485	56	190435	237.375	ug/l	98
14) Allyl chloride	2.919	41	201935	49.717	ug/l	87
15) Acrylonitrile	3.311	53	432593	250.196	ug/l	98
16) Acetone	2.629	43	453106	276.883	ug/l	99
17) Carbon Disulfide	2.790	76	325909	47.076	ug/l	100
18) Methyl Acetate	2.945	43	296593	49.638	ug/l	94
19) Methyl tert-butyl Ether	3.356	73	375100	48.917	ug/l	99
20) Methylene Chloride	3.041	84	135583	45.925	ug/l	95
21) trans-1,2-Dichloroethene	3.346	96	120864	48.192	ug/l	95
22) Diisopropyl ether	3.983	45	372322	51.719	ug/l #	82
23) Vinyl Acetate	3.948	43	1388120	264.250	ug/l	98
24) 1,1-Dichloroethane	3.864	63	227389	49.329	ug/l	100
25) 2-Butanone	4.697	43	576264	265.968	ug/l	96
26) 2,2-Dichloropropane	4.658	77	200501	49.771	ug/l	97
27) cis-1,2-Dichloroethene	4.658	96	138127	49.509	ug/l	95
28) Bromochloromethane	4.967	49	119916	56.216	ug/l	83
29) Tetrahydrofuran	5.047	42	346976	254.769	ug/l	92
30) Chloroform	5.083	83	227590	48.569	ug/l	100
31) Cyclohexane	5.382	56	196419	48.725	ug/l	93
32) 1,1,1-Trichloroethane	5.311	97	198628	48.826	ug/l	99
36) 1,1-Dichloropropene	5.520	75	163973	47.478	ug/l	99
37) Ethyl Acetate	4.797	43	203057	48.243	ug/l #	94
38) Carbon Tetrachloride	5.520	117	176960	50.060	ug/l	97
39) Methylcyclohexane	6.758	83	199554	51.013	ug/l	94
40) Benzene	5.768	78	497250	50.476	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	104000	53.462	ug/l	92
42) 1,2-Dichloroethane	5.790	62	174987	48.897	ug/l	98
43) Isopropyl Acetate	5.906	43	294364	50.702	ug/l	98
44) Trichloroethene	6.536	130	132410	48.083	ug/l	92
45) 1,2-Dichloropropane	6.784	63	133002	51.753	ug/l	98
46) Dibromomethane	6.912	93	94223	49.809	ug/l	94
47) Bromodichloromethane	7.099	83	176080	49.772	ug/l	100
48) Methyl methacrylate	6.954	41	136876	53.162	ug/l	92
49) 1,4-Dioxane	6.993	88	70953	954.573	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	999173	257.890	ug/l	99
52) Toluene	7.964	92	314146	50.011	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	205391	50.746	ug/l	100
54) cis-1,3-Dichloropropene	7.600	75	215788	51.087	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	127262	48.887	ug/l	99
56) Ethyl methacrylate	8.327	69	201371	51.967	ug/l	95
57) 1,3-Dichloropropane	8.568	76	228062	50.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	47585	191.534	ug/l	95
59) 2-Hexanone	8.681	43	789426	257.932	ug/l	99
60) Dibromochloromethane	8.803	129	139012	52.560	ug/l	99
61) 1,2-Dibromoethane	8.919	107	143726	50.730	ug/l	99
64) Tetrachloroethene	8.549	164	126056	50.665	ug/l	96
65) Chlorobenzene	9.443	112	335707	48.577	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.526	131	126185	50.331	ug/l	98
67) Ethyl Benzene	9.565	91	595585	50.408	ug/l	98
68) m/p-Xylenes	9.687	106	463175	103.421	ug/l	93
69) o-Xylene	10.095	106	222946	51.425	ug/l	93
70) Styrene	10.108	104	380648	52.944	ug/l	98
71) Bromoform	10.285	173	112885	51.814	ug/l #	99
73) Isopropylbenzene	10.478	105	587784	52.299	ug/l	98
74) N-amyl acetate	10.314	43	246991	51.756	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	225192	49.518	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	264693	49.975	ug/l	99
77) Bromobenzene	10.777	156	152660	49.464	ug/l	89
78) n-propylbenzene	10.899	91	730419	53.053	ug/l	98
79) 2-Chlorotoluene	10.980	91	428630	51.423	ug/l	94
80) 1,3,5-Trimethylbenzene	11.082	105	505467	52.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.542	75	73757	53.028	ug/l	98
82) 4-Chlorotoluene	11.092	91	498713	50.993	ug/l	96
83) tert-Butylbenzene	11.414	119	484893	50.734	ug/l	94
84) 1,2,4-Trimethylbenzene	11.462	105	499421	52.522	ug/l	99
85) sec-Butylbenzene	11.639	105	633428	52.231	ug/l	99
86) p-Isopropyltoluene	11.787	119	538495	52.792	ug/l	97
87) 1,3-Dichlorobenzene	11.742	146	292670	48.975	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	293488	47.011	ug/l	97
89) n-Butylbenzene	12.205	91	486916	50.712	ug/l	98
90) Hexachloroethane	12.468	117	95338	52.833	ug/l	91
91) 1,2-Dichlorobenzene	12.208	146	289611	49.263	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	54770	52.808	ug/l	90
93) 1,2,4-Trichlorobenzene	13.835	180	195632	46.971	ug/l	98
94) Hexachlorobutadiene	14.015	225	96029	49.647	ug/l	99
95) Naphthalene	14.079	128	612590	45.813	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	194676	47.145	ug/l	99

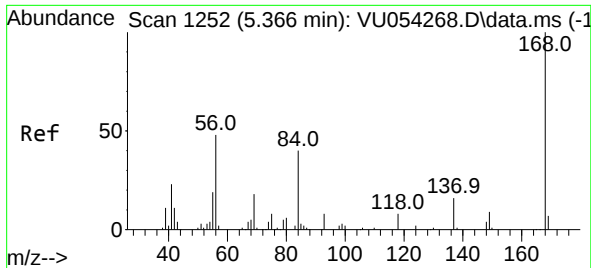
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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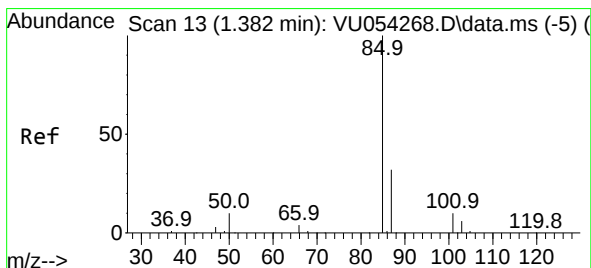
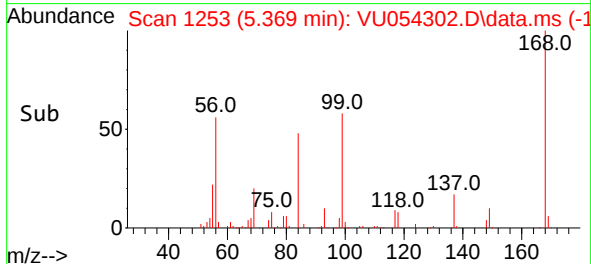
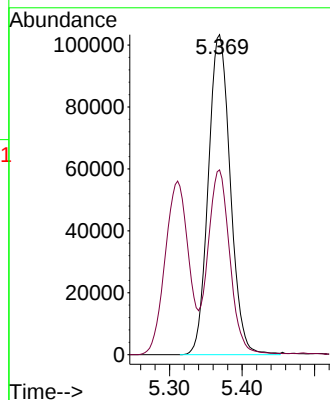
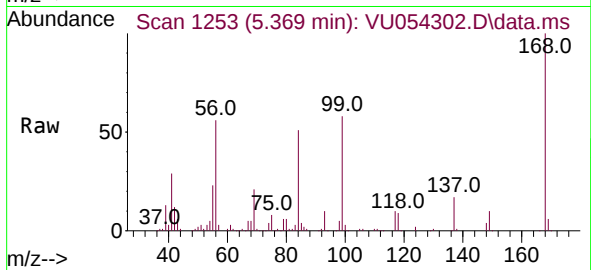
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

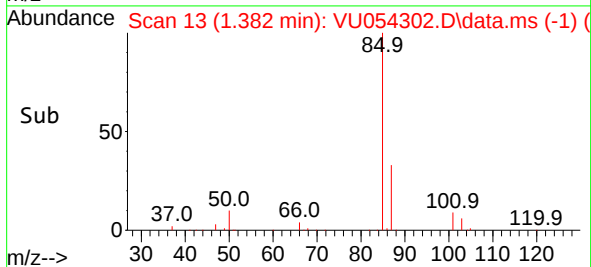
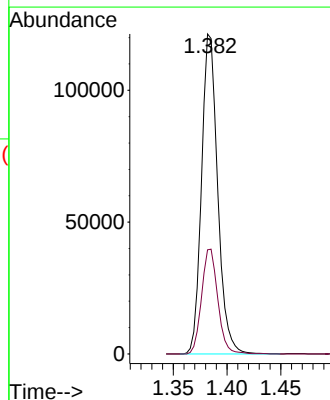
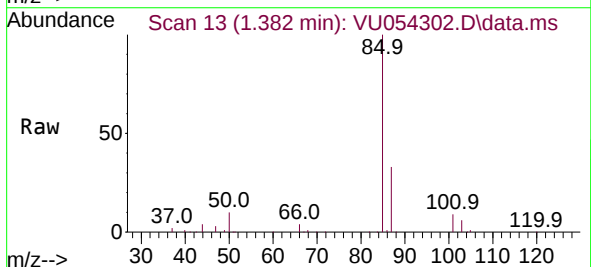
Instrument :
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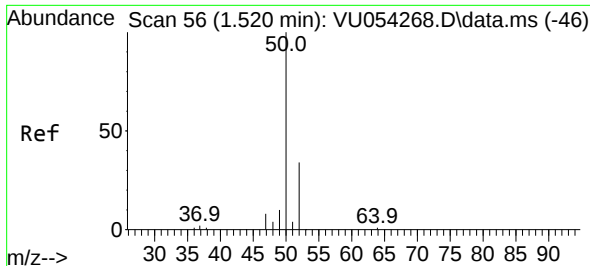
Tgt Ion:168 Resp: 217782
Ion Ratio Lower Upper
168 100
99 57.3 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 52.142 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 85 Resp: 126767
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2

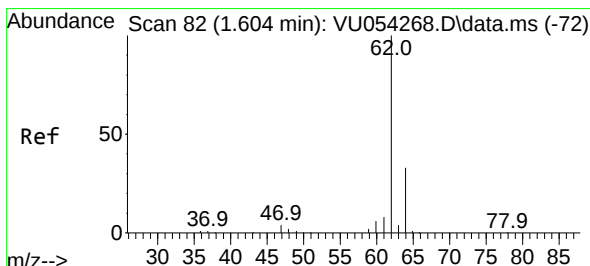
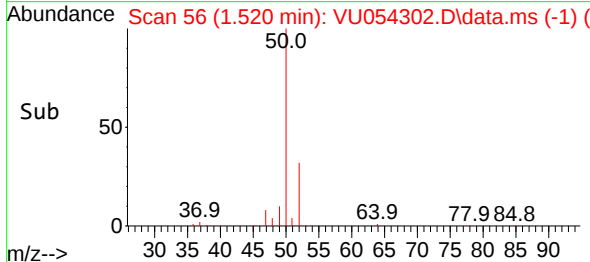
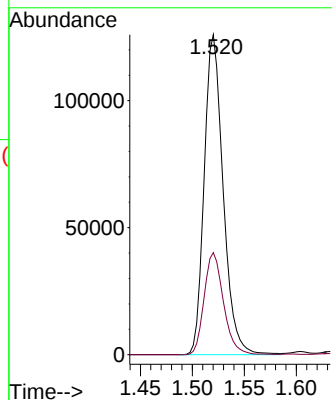
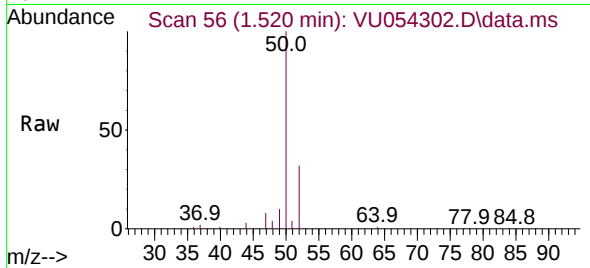




#3
Chloromethane
Concen: 50.107 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

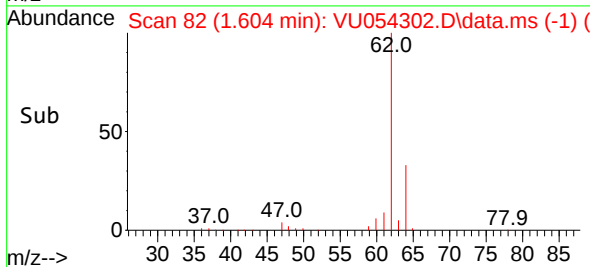
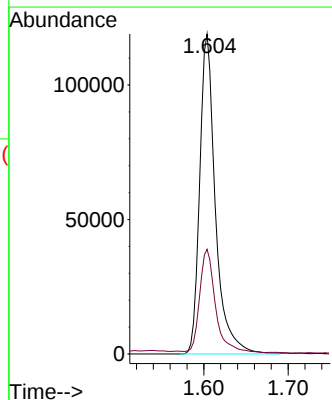
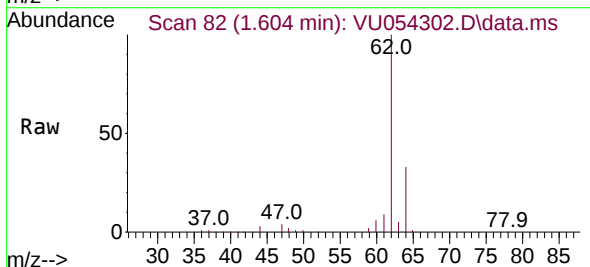
Instrument :
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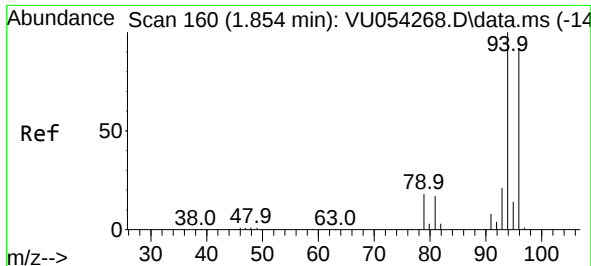
Tgt Ion: 50 Resp: 159510
Ion Ratio Lower Upper
50 100
52 31.9 27.4 41.2



#4
Vinyl Chloride
Concen: 50.788 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 62 Resp: 154261
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9

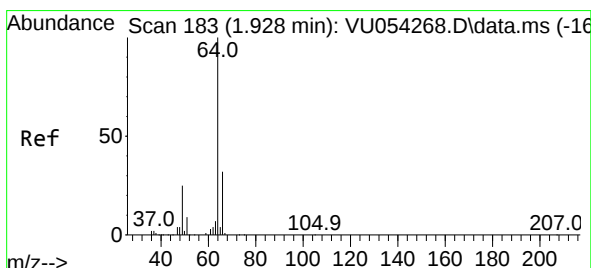
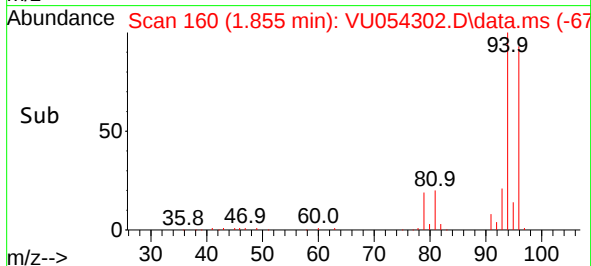
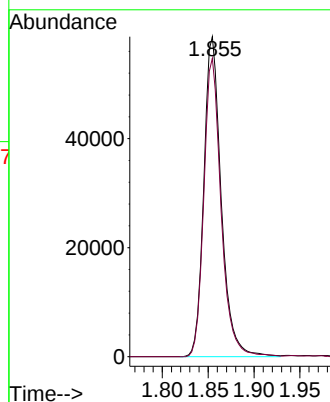
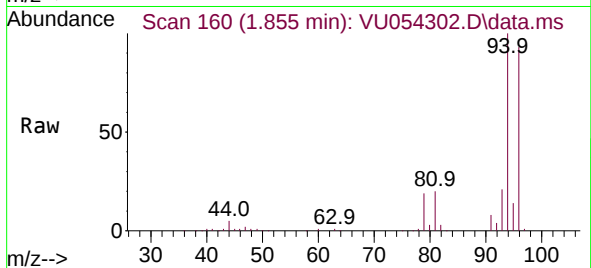




#5
Bromomethane
Concen: 46.082 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.001 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

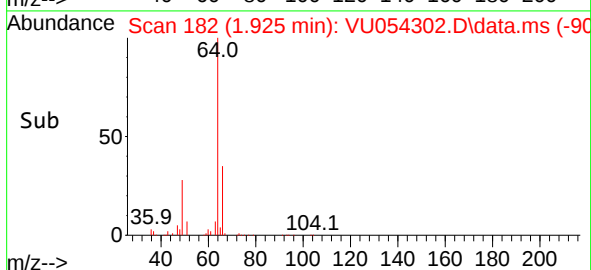
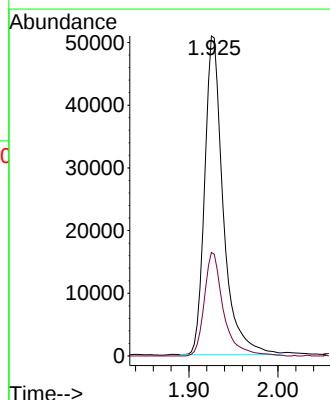
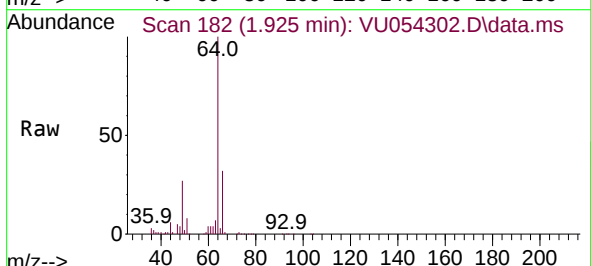
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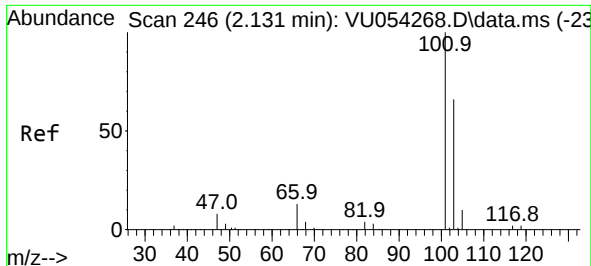
Tgt Ion: 94 Resp: 77480
Ion Ratio Lower Upper
94 100
96 93.2 73.7 110.5



#6
Chloroethane
Concen: 50.205 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 64 Resp: 73538
Ion Ratio Lower Upper
64 100
66 32.5 24.7 37.1

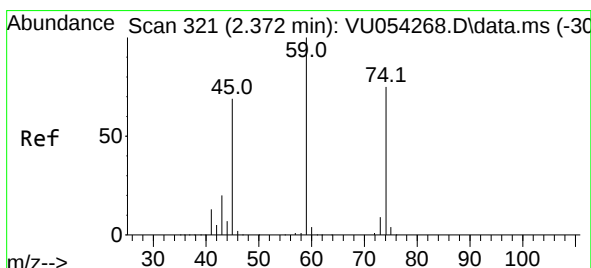
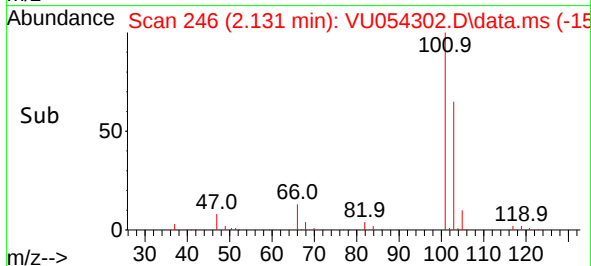
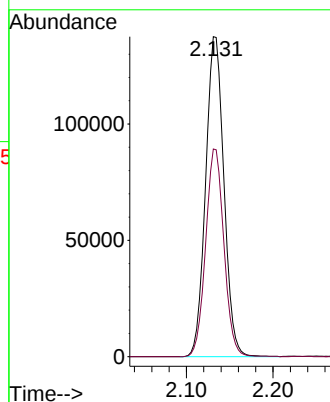
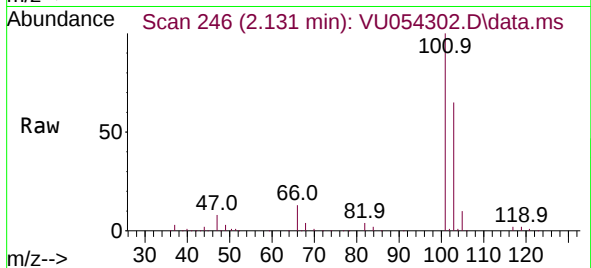




#7
 Trichlorofluoromethane
 Concen: 48.356 ug/l
 RT: 2.131 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

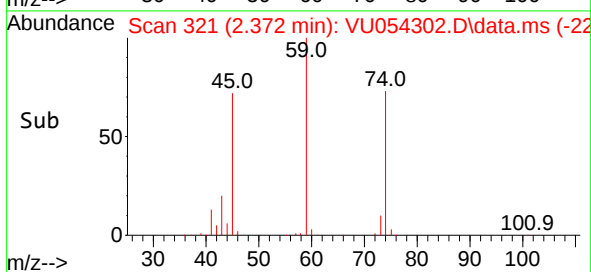
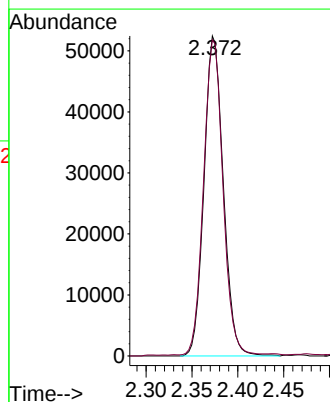
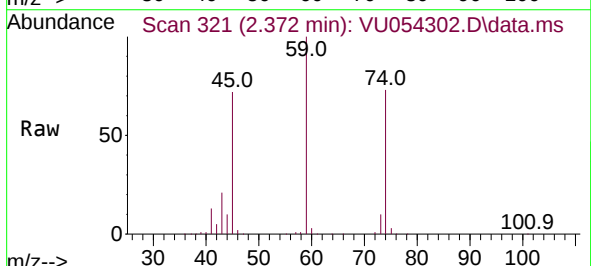
Instrument :
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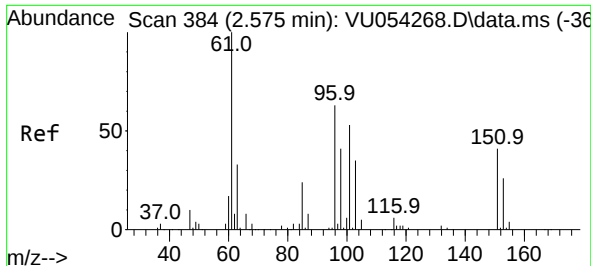
Tgt Ion:101 Resp: 202062
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.6 75.8



#8
 Diethyl Ether
 Concen: 49.622 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

Tgt Ion: 74 Resp: 76762
 Ion Ratio Lower Upper
 74 100
 45 98.8 44.4 133.2

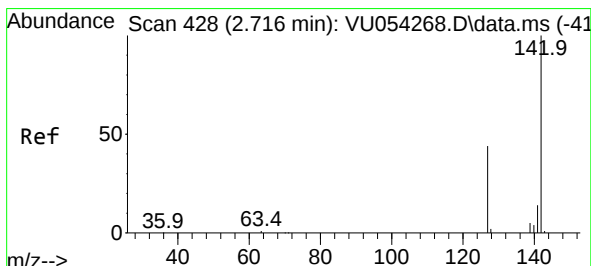
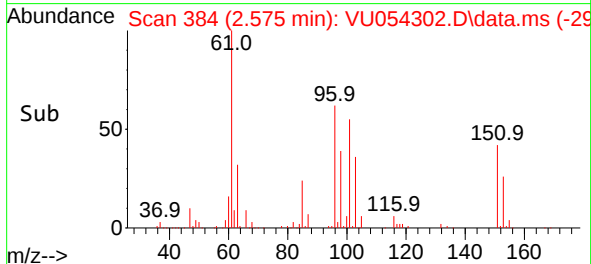
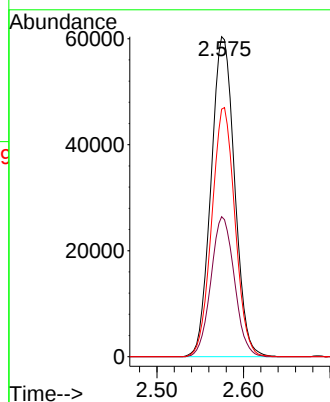
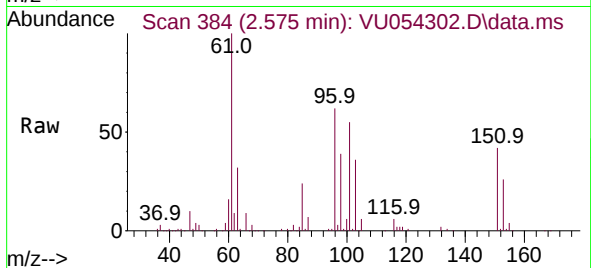




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.422 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054302.D
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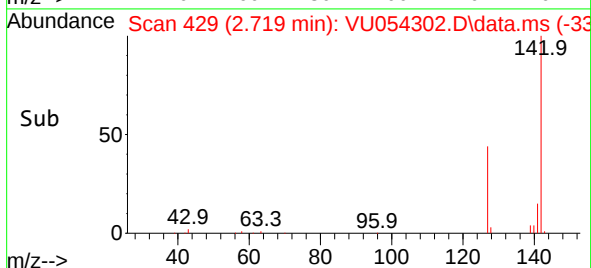
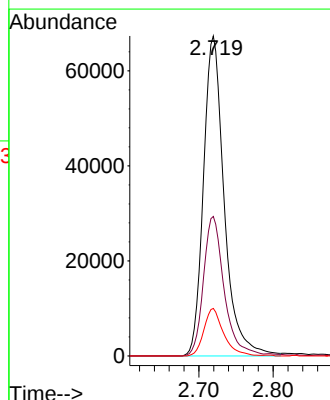
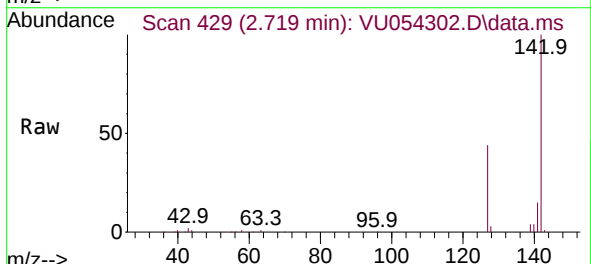
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

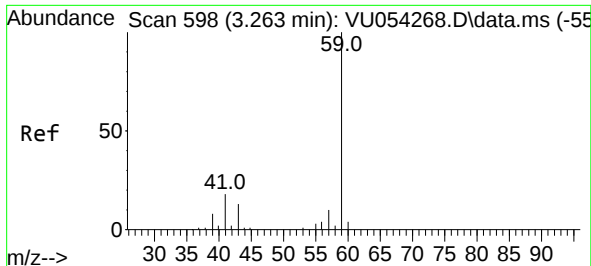
Tgt Ion:101 Resp: 114076
Ion Ratio Lower Upper
101 100
85 43.5 33.9 50.9
151 76.8 64.0 96.0



#10
Methyl Iodide
Concen: 48.377 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion:142 Resp: 130892
Ion Ratio Lower Upper
142 100
127 43.4 32.5 48.7
141 14.1 11.4 17.0

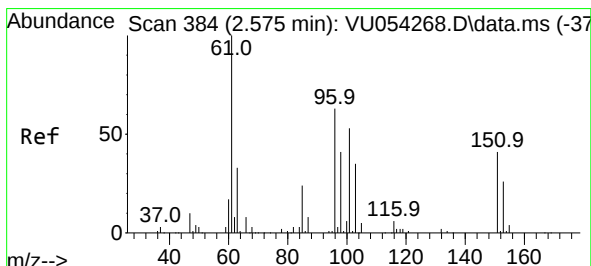
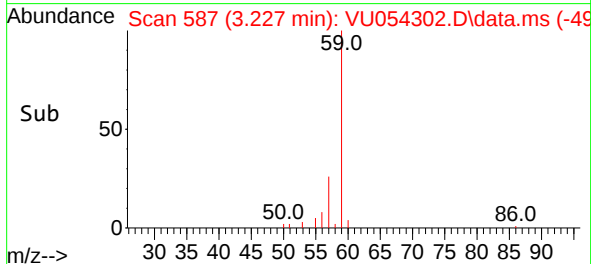
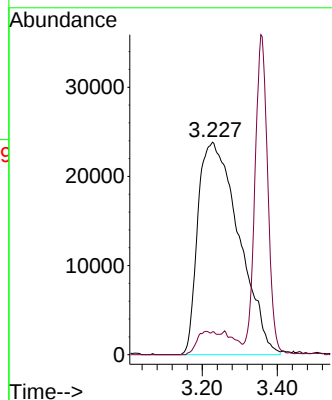
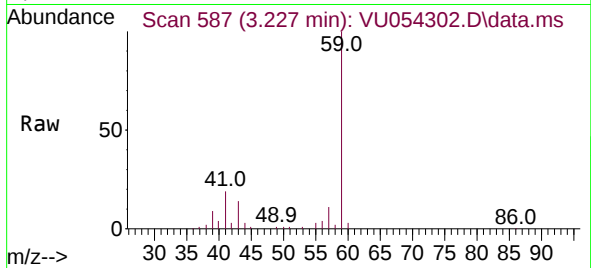




#11
Tert butyl alcohol
Concen: 233.781 ug/l
RT: 3.227 min Scan# 59
Delta R.T. -0.016 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

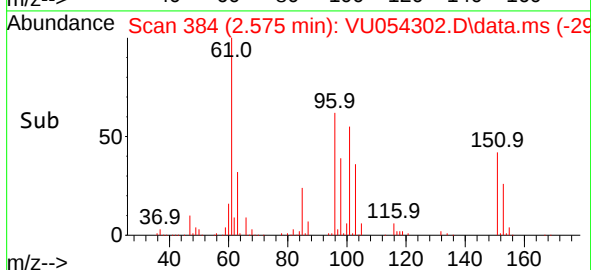
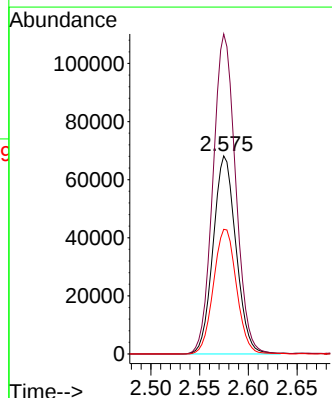
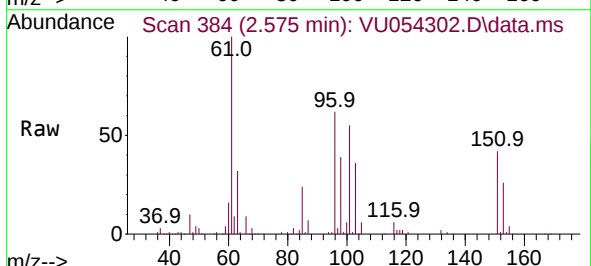
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

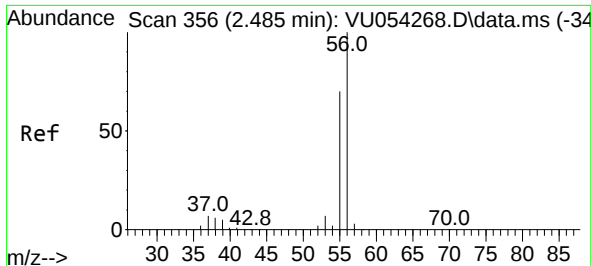
Tgt Ion: 59 Resp: 180284
Ion Ratio Lower Upper
59 100
57 3.5 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 47.531 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 96 Resp: 111345
Ion Ratio Lower Upper
96 100
61 161.5 122.2 183.2
98 62.9 50.7 76.1

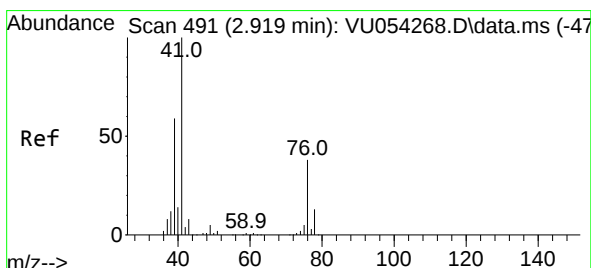
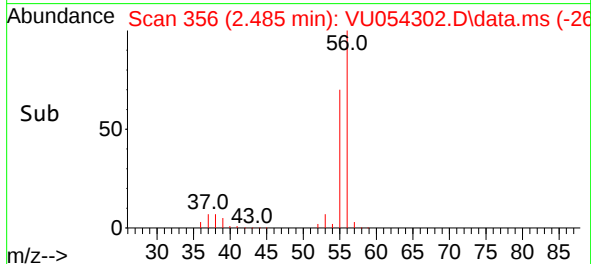
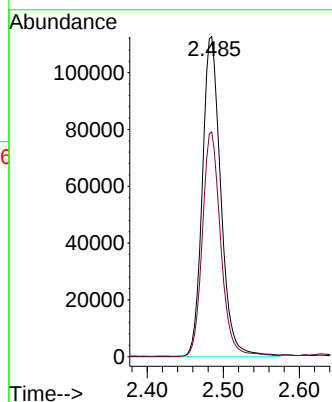
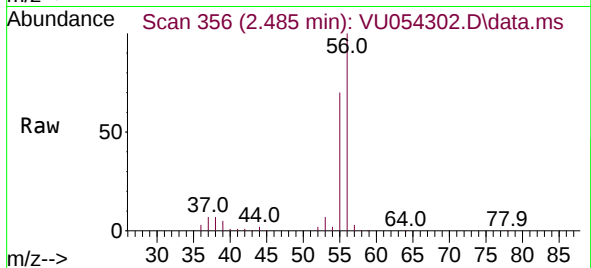




#13
Acrolein
Concen: 237.375 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

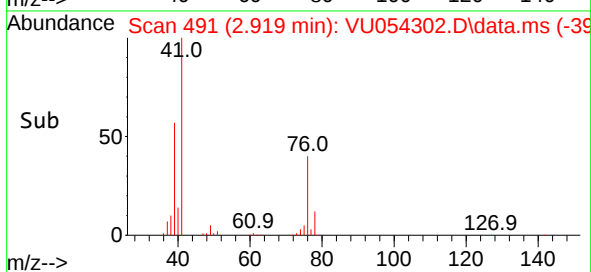
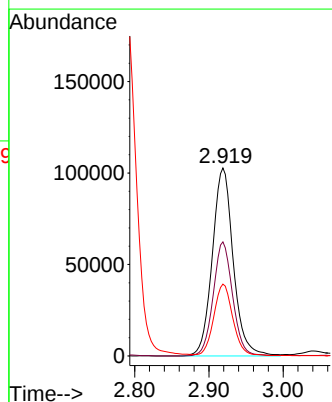
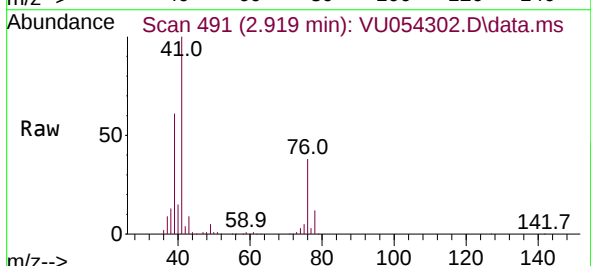
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

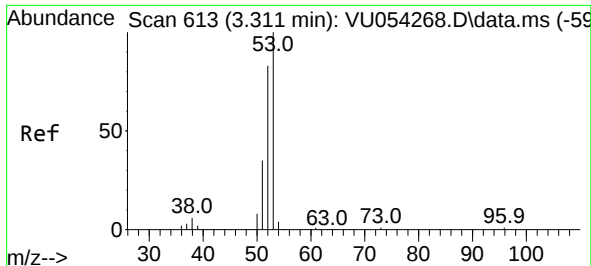
Tgt Ion: 56 Resp: 190435
Ion Ratio Lower Upper
56 100
55 69.5 56.6 85.0



#14
Allyl chloride
Concen: 49.717 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 41 Resp: 201935
Ion Ratio Lower Upper
41 100
39 56.1 53.4 80.2
76 34.4 33.8 50.6

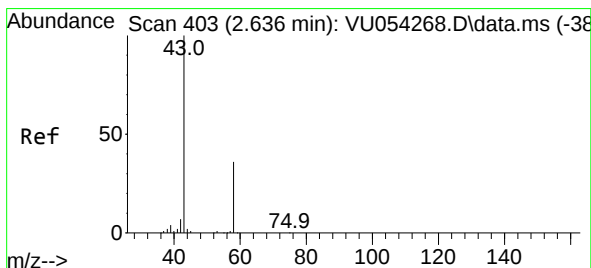
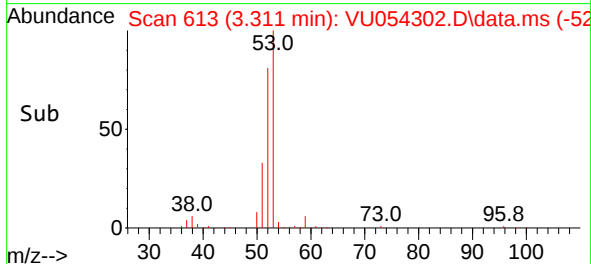
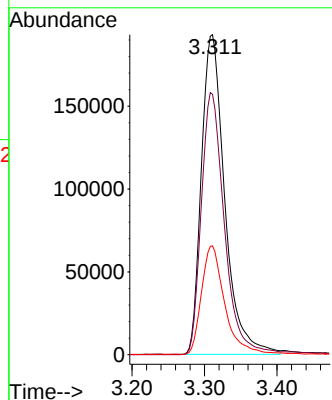
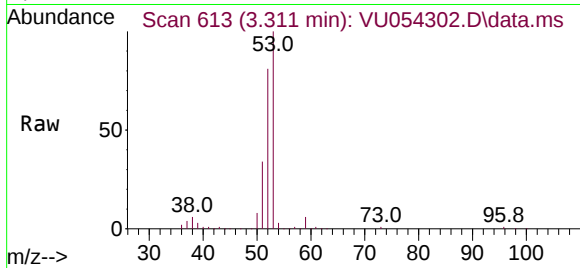




#15
Acrylonitrile
Concen: 250.196 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

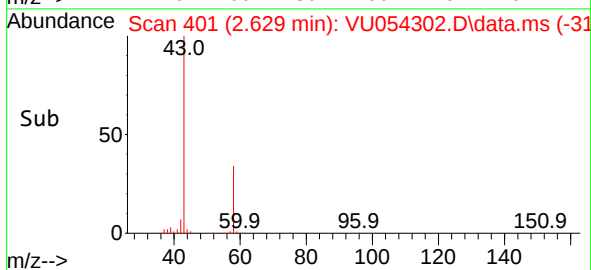
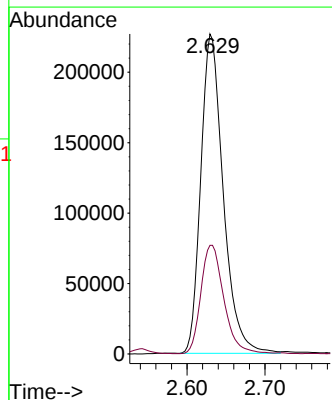
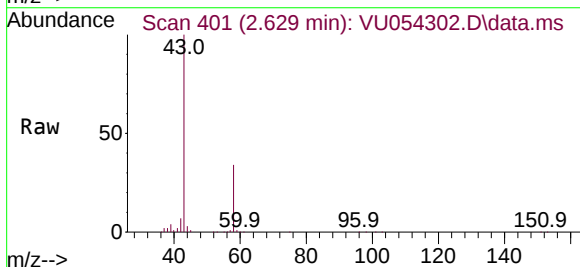
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

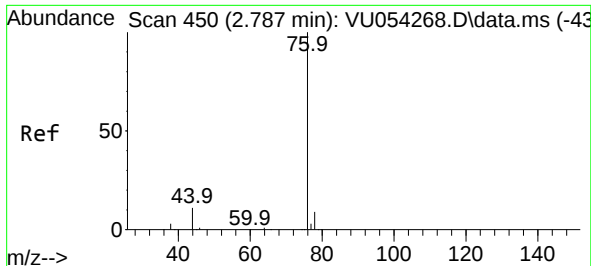
Tgt Ion: 53 Resp: 432593
Ion Ratio Lower Upper
53 100
52 81.0 65.7 98.5
51 33.7 28.2 42.4



#16
Acetone
Concen: 276.883 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 43 Resp: 453106
Ion Ratio Lower Upper
43 100
58 33.9 27.5 41.3





#17

Carbon Disulfide

Concen: 47.076 ug/l

RT: 2.790 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

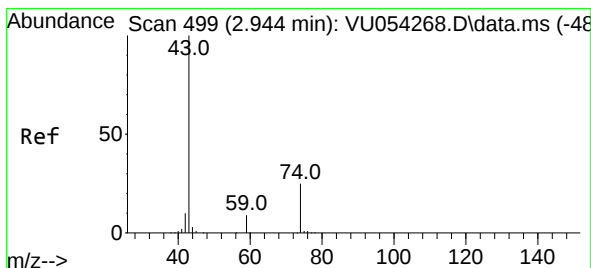
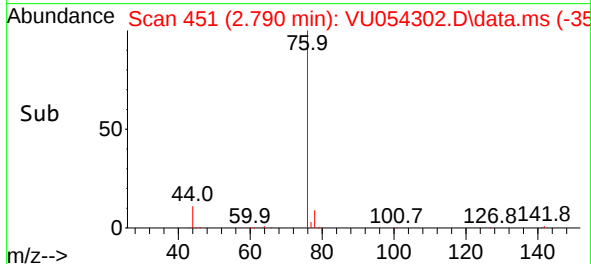
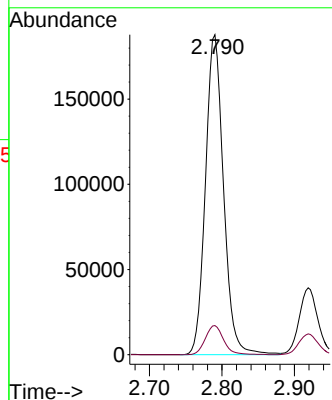
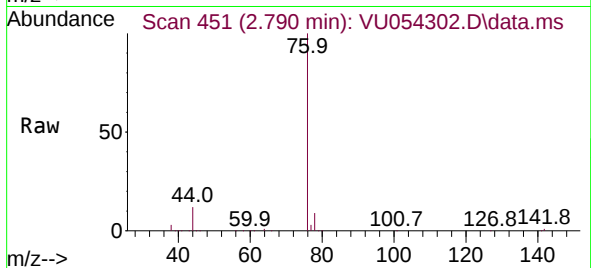
VSTDCCC050

Tgt Ion: 76 Resp: 325909

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 49.638 ug/l

RT: 2.945 min Scan# 499

Delta R.T. 0.001 min

Lab File: VU054302.D

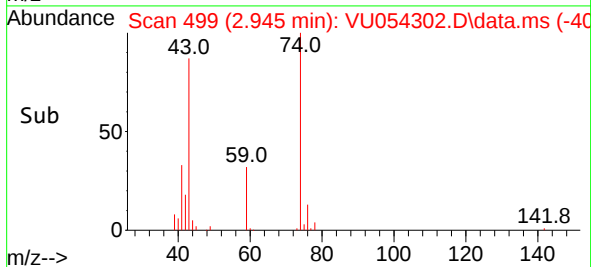
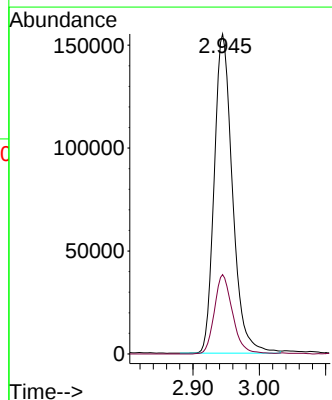
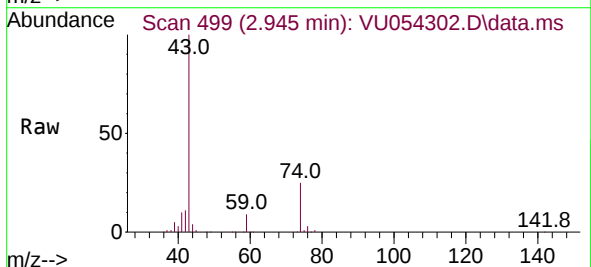
Acq: 30 May 2023 09:50

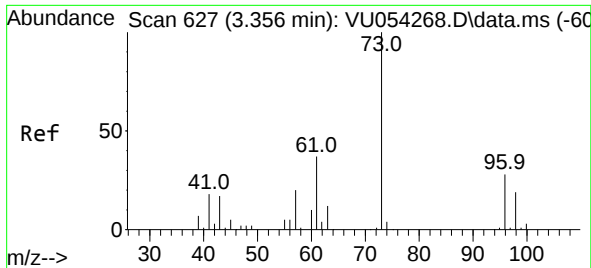
Tgt Ion: 43 Resp: 296593

Ion Ratio Lower Upper

43 100

74 24.8 22.5 33.7

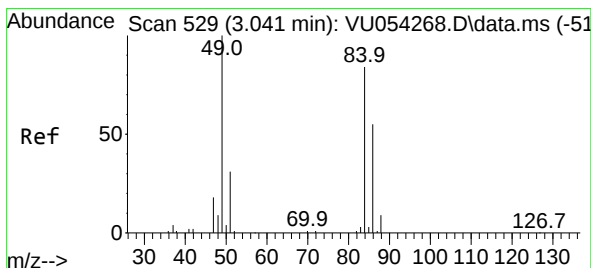
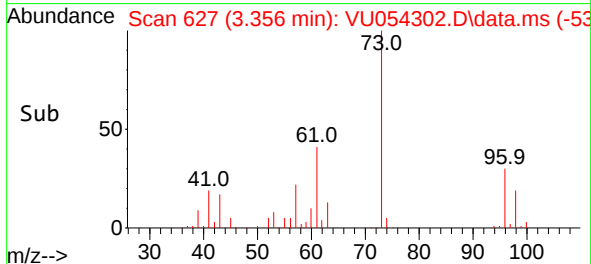
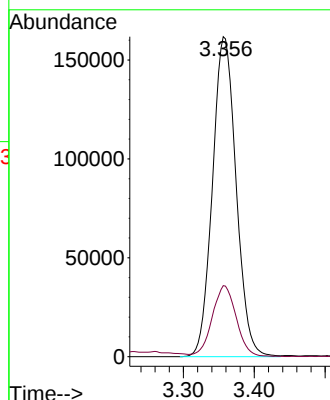
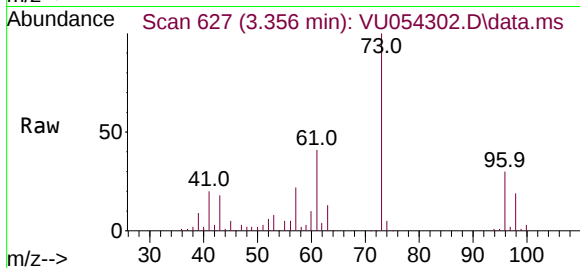




#19
Methyl tert-butyl Ether
Concen: 48.917 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

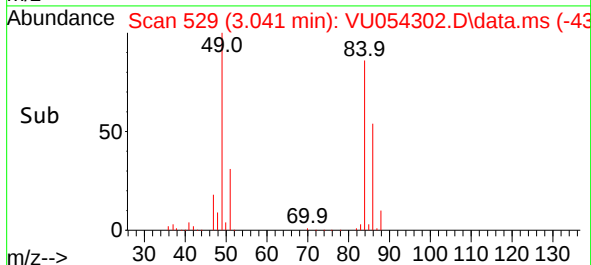
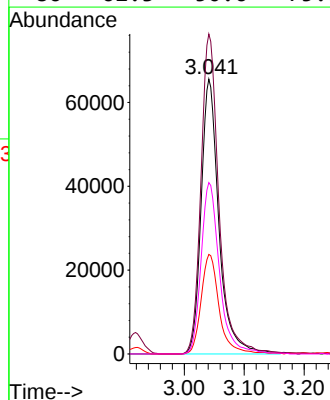
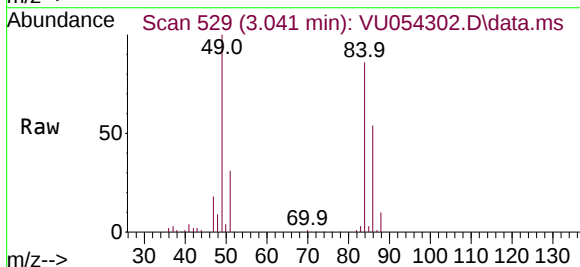
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

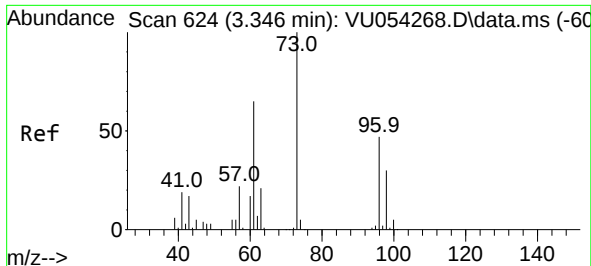
Tgt Ion: 73 Resp: 375100
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#20
Methylene Chloride
Concen: 45.925 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 84 Resp: 135583
Ion Ratio Lower Upper
84 100
49 116.4 86.6 129.8
51 36.2 26.6 40.0
86 62.3 50.6 75.8

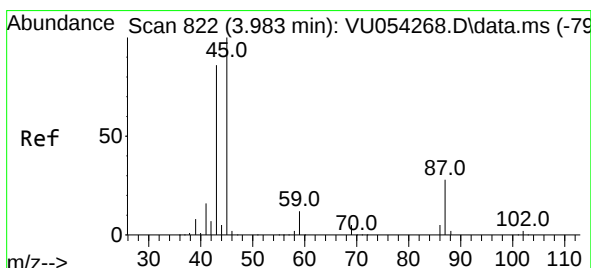
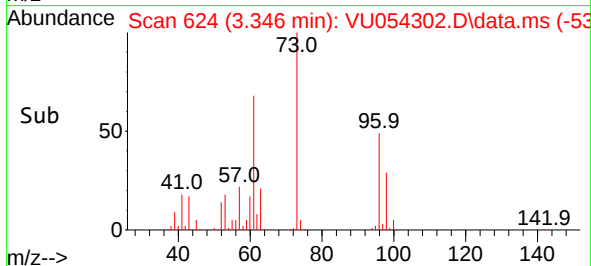
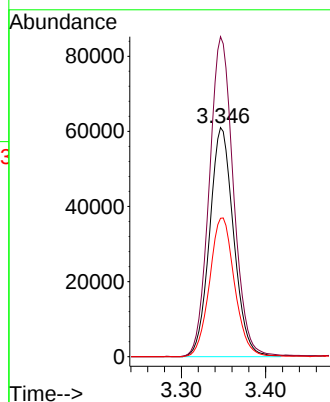
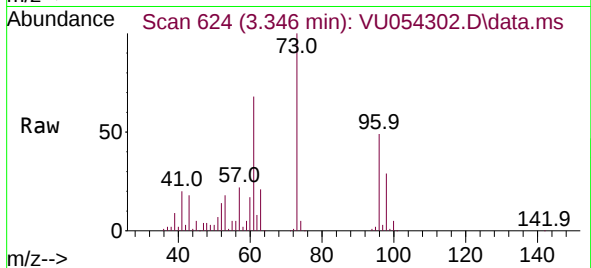




#21
trans-1,2-Dichloroethene
Concen: 48.192 ug/l
RT: 3.346 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

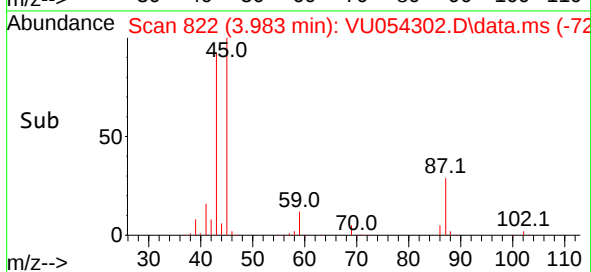
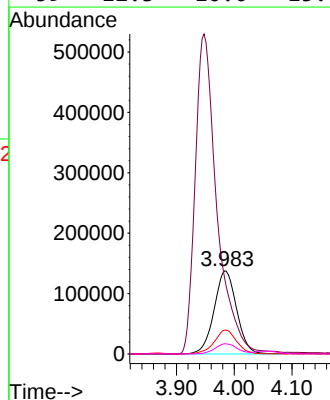
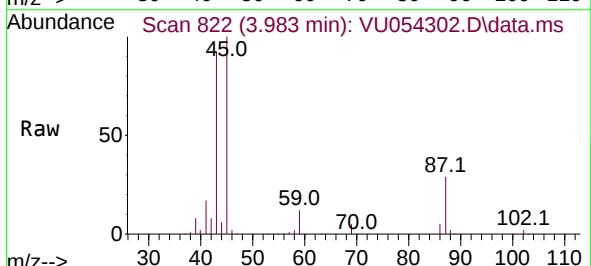
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

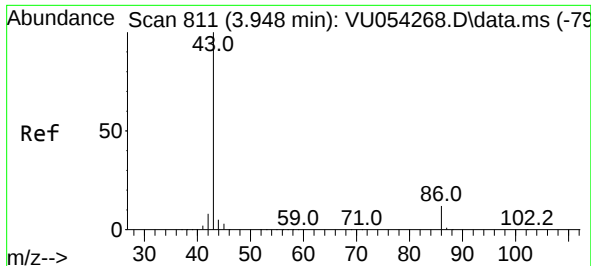
Tgt Ion: 96 Resp: 120864
Ion Ratio Lower Upper
96 100
61 139.6 106.1 159.1
98 60.4 50.8 76.2



#22
Diisopropyl ether
Concen: 51.719 ug/l
RT: 3.983 min Scan# 822
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 45 Resp: 372322
Ion Ratio Lower Upper
45 100
43 91.7 92.9 139.3#
87 28.8 26.2 39.2
59 12.3 10.0 15.0

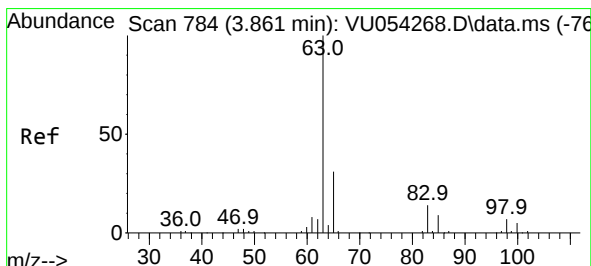
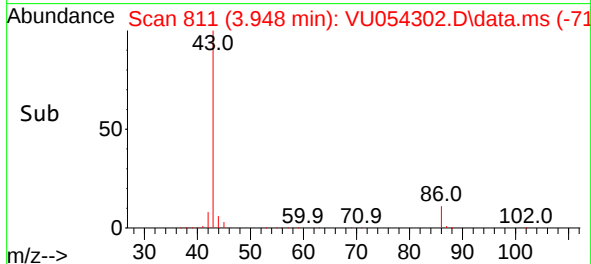
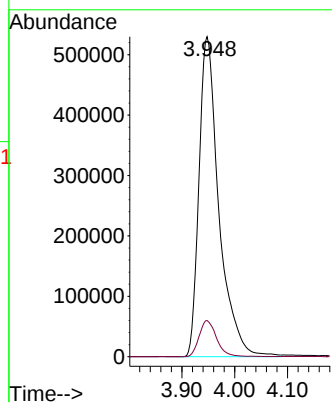
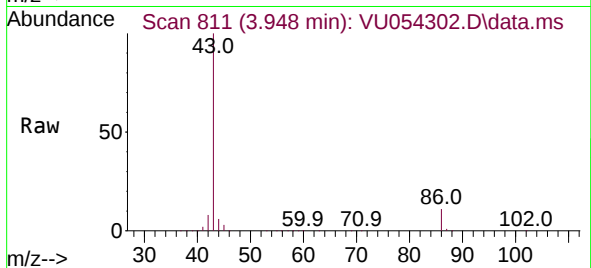




#23
 Vinyl Acetate
 Concen: 264.250 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

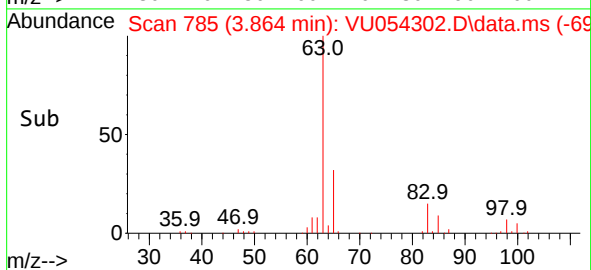
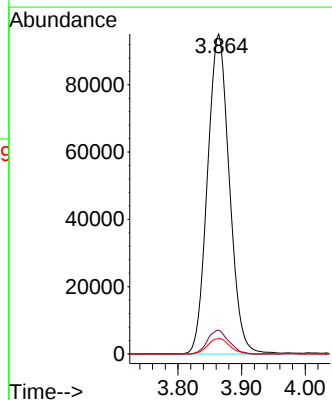
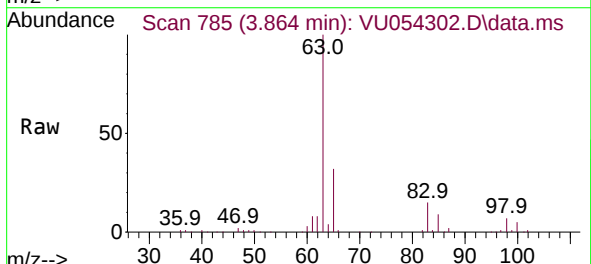
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

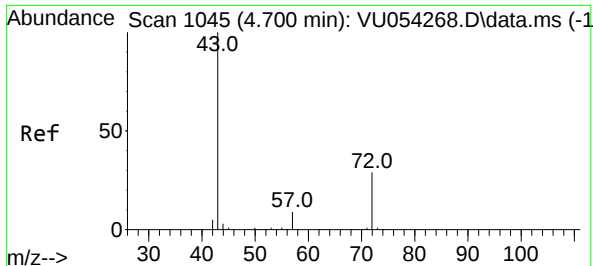
Tgt Ion: 43 Resp: 1388120
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 49.329 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

Tgt Ion: 63 Resp: 227389
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.8 2.4 7.2

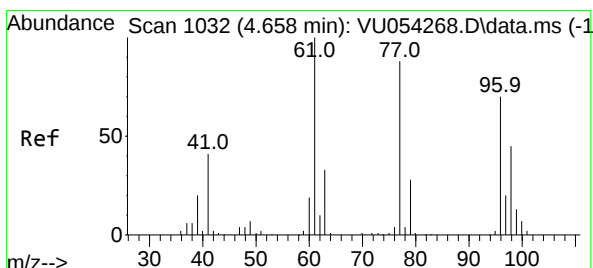
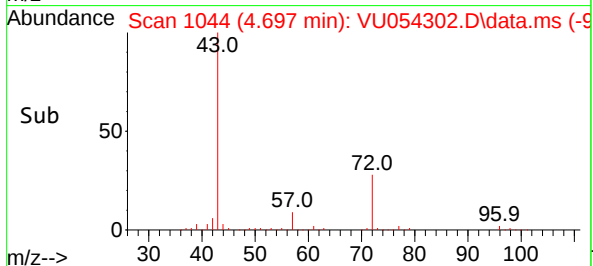
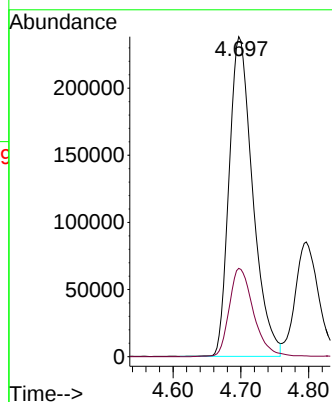
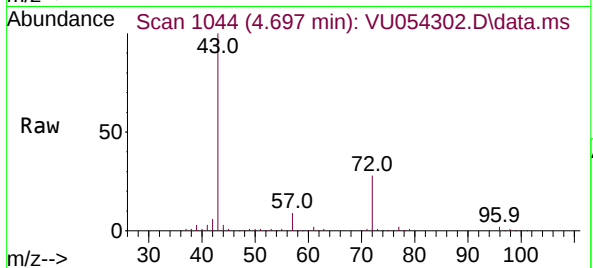




#25
2-Butanone
Concen: 265.968 ug/l
RT: 4.697 min Scan# 1044
Delta R.T. -0.003 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

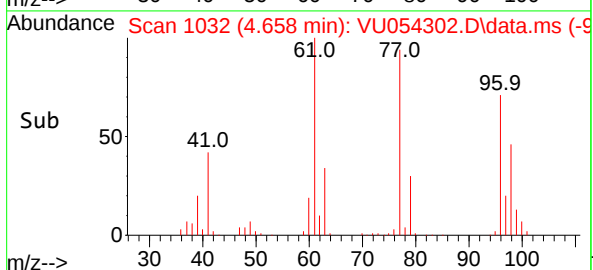
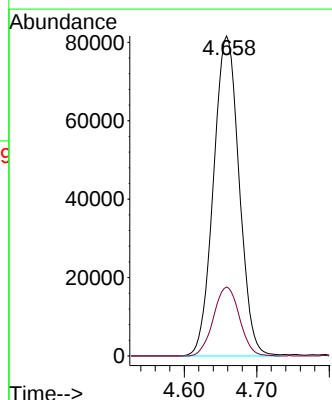
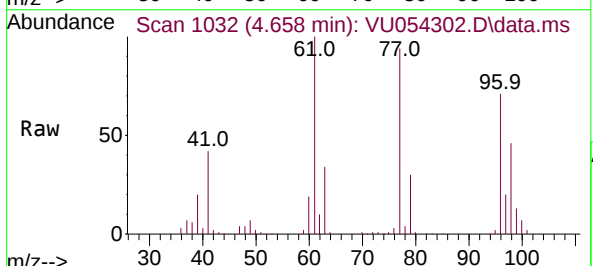
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

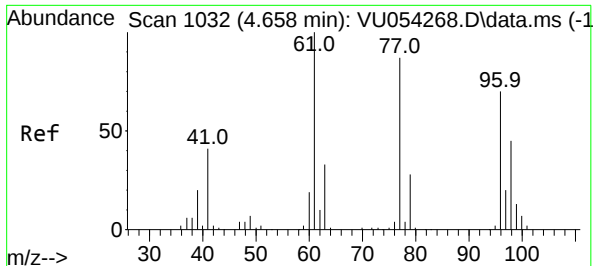
Tgt Ion: 43 Resp: 576264
Ion Ratio Lower Upper
43 100
72 27.6 23.8 35.6



#26
2,2-Dichloropropane
Concen: 49.771 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 77 Resp: 200501
Ion Ratio Lower Upper
77 100
97 21.9 11.6 34.8

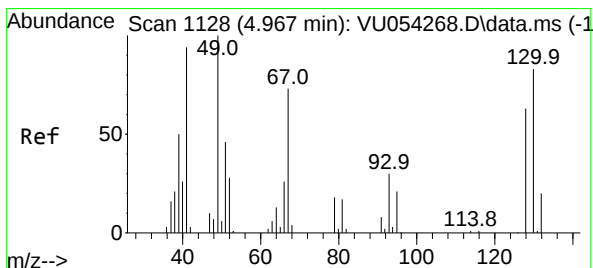
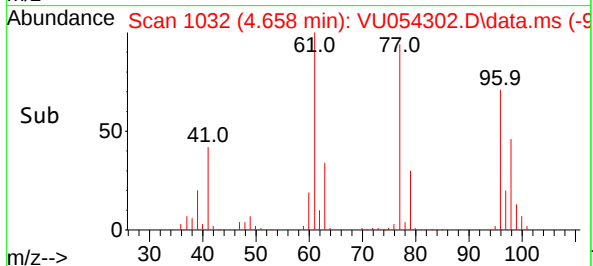
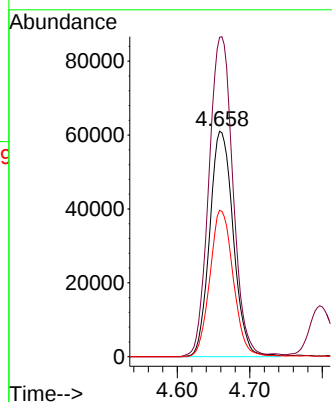
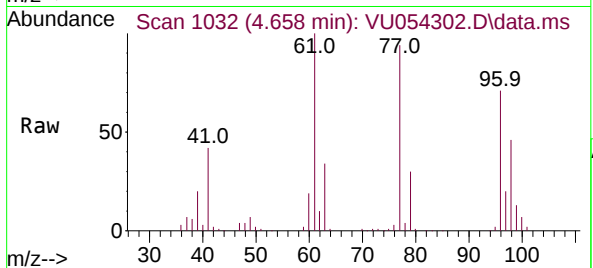




#27
 cis-1,2-Dichloroethene
 Concen: 49.509 ug/l
 RT: 4.658 min Scan# 1032
 Delta R.T. 0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

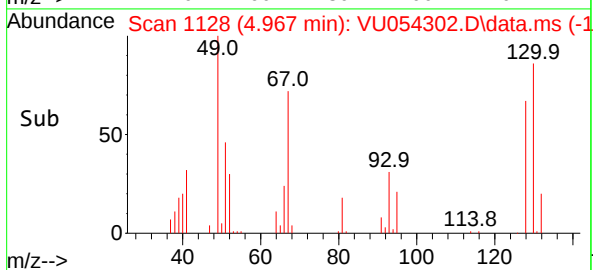
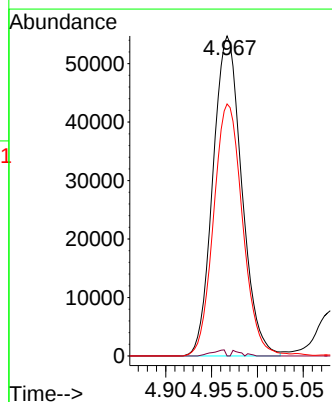
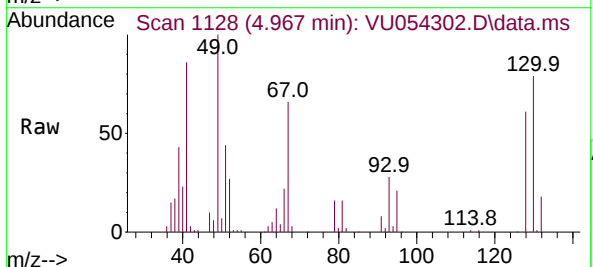
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

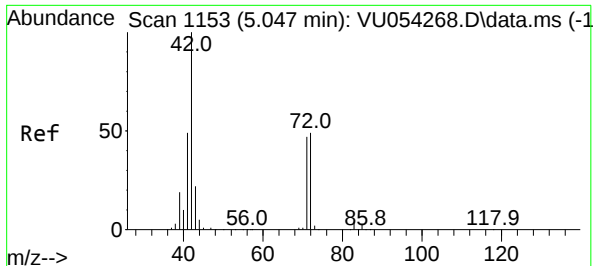
Tgt Ion: 96 Resp: 138127
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 271.6
 98 64.3 0.0 128.2



#28
 Bromochloromethane
 Concen: 56.216 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

Tgt Ion: 49 Resp: 119916
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 79.1 76.9 115.3





#29

Tetrahydrofuran

Concen: 254.769 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

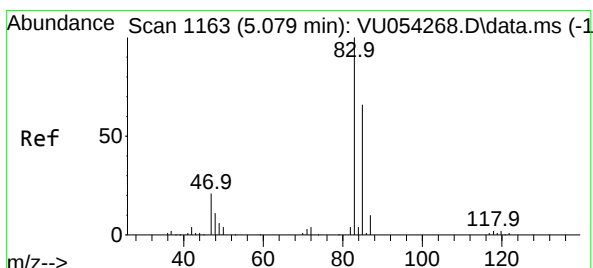
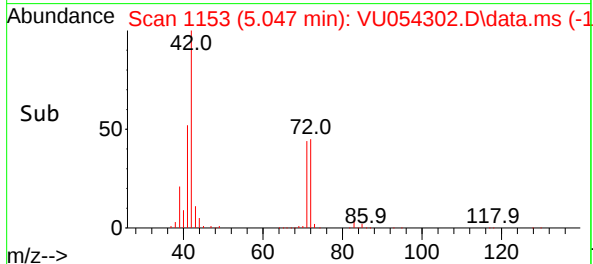
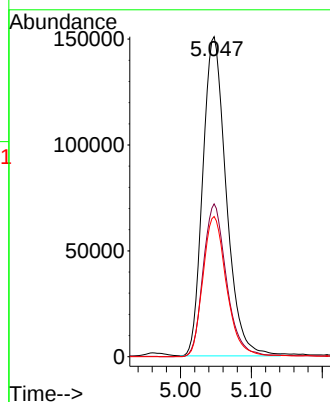
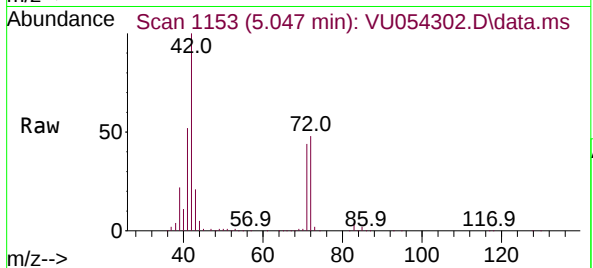
Tgt Ion: 42 Resp: 346976

Ion Ratio Lower Upper

42 100

72 48.0 42.6 63.8

71 44.2 40.3 60.5



#30

Chloroform

Concen: 48.569 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.004 min

Lab File: VU054302.D

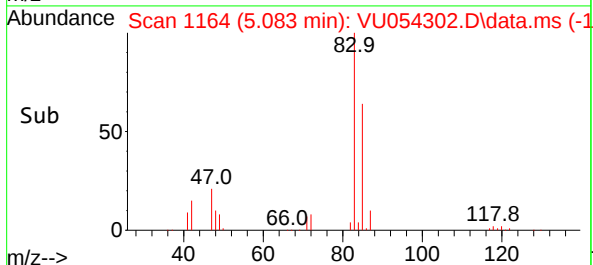
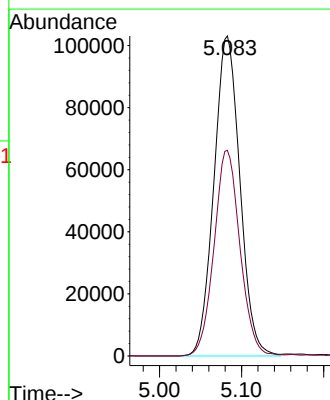
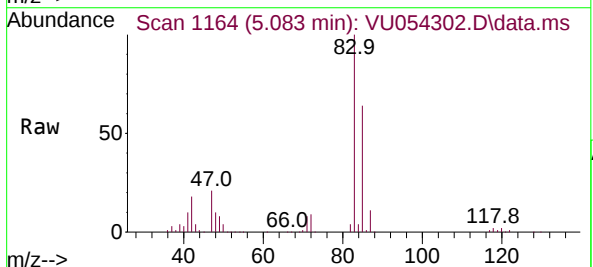
Acq: 30 May 2023 09:50

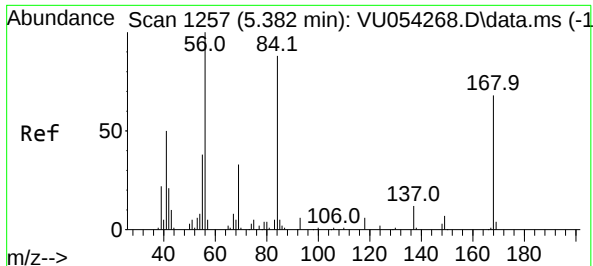
Tgt Ion: 83 Resp: 227590

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8

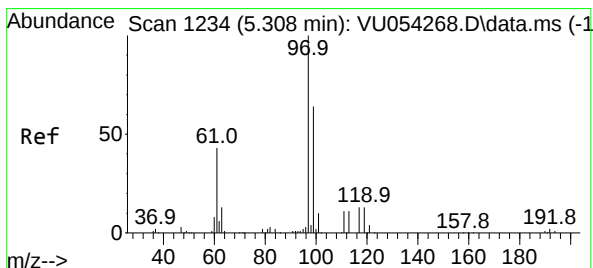
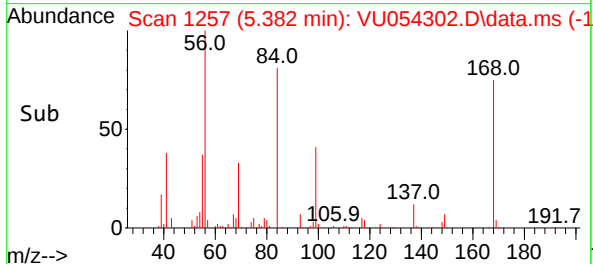
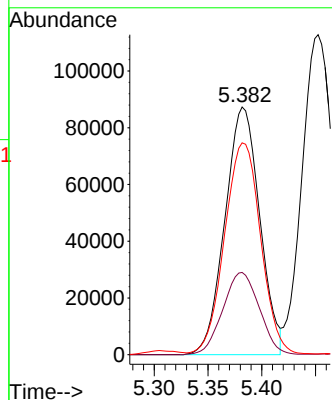
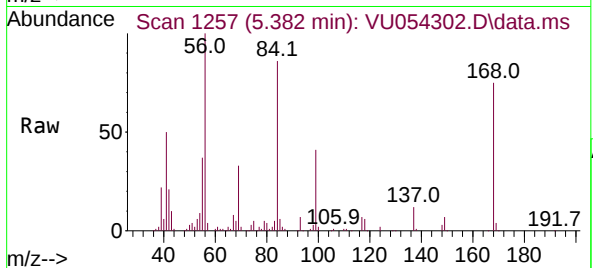




#31
Cyclohexane
Concen: 48.725 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

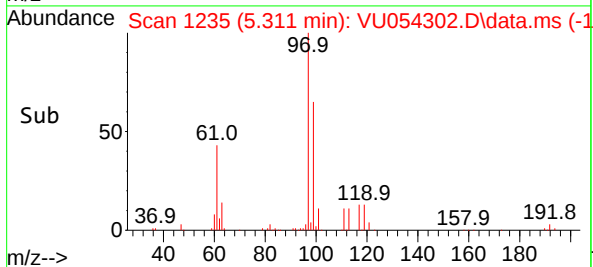
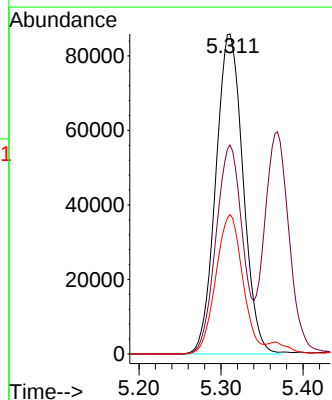
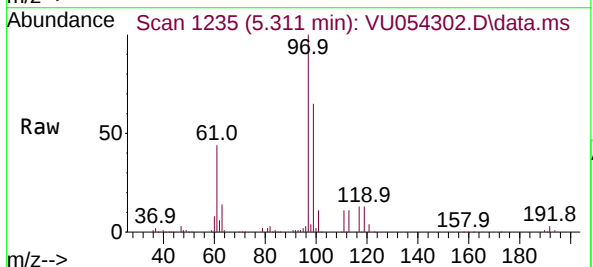
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

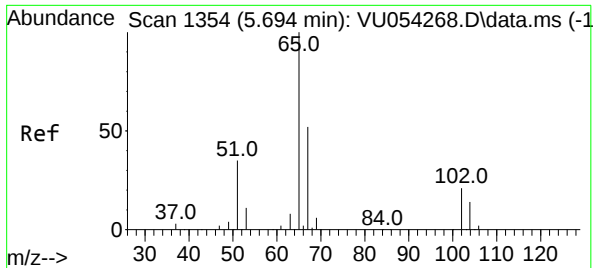
Tgt Ion: 56 Resp: 196419
Ion Ratio Lower Upper
56 100
69 33.2 27.8 41.8
84 84.6 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 48.826 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 97 Resp: 198628
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 43.1 35.1 52.7

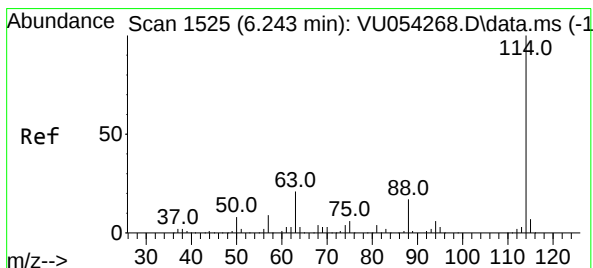
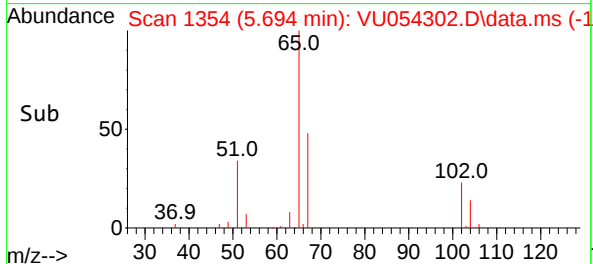
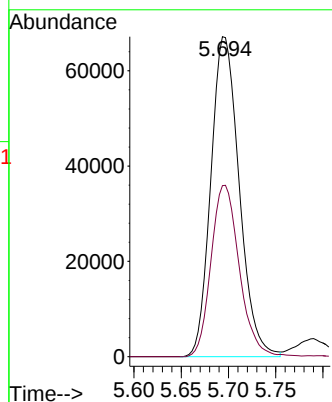
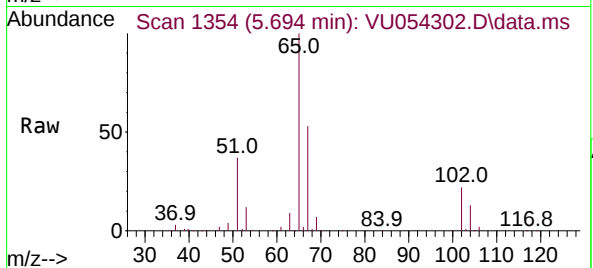




#33
 1,2-Dichloroethane-d4
 Concen: 49.050 ug/l
 RT: 5.694 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

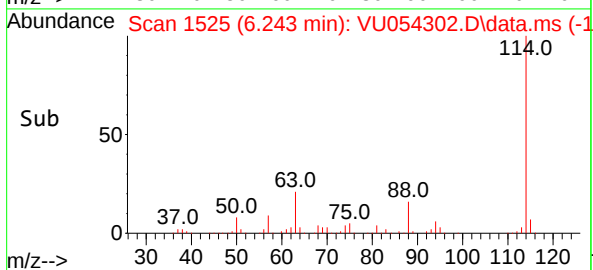
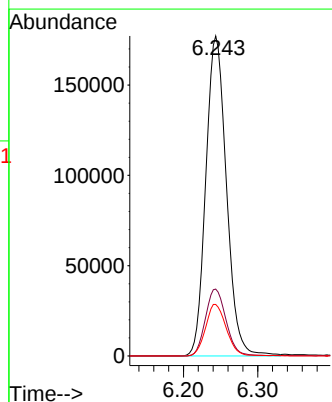
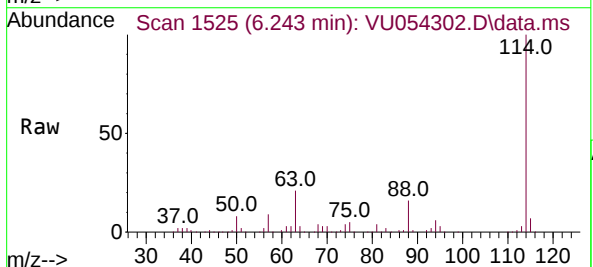
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

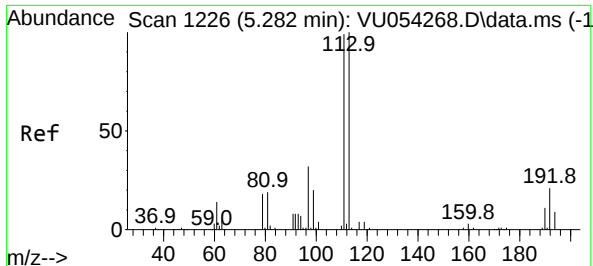
Tgt Ion: 65 Resp: 140032
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.243 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

Tgt Ion: 114 Resp: 341450
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.8
 88 16.1 0.0 29.2

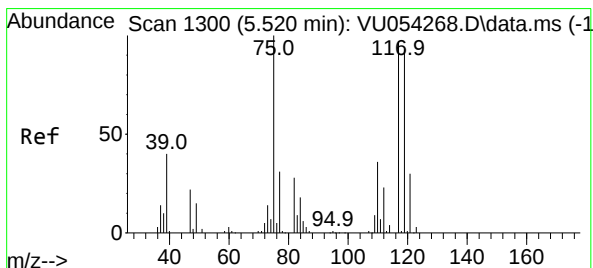
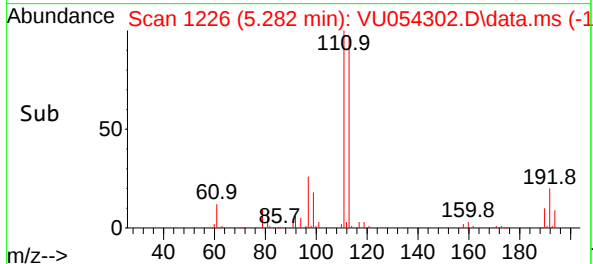
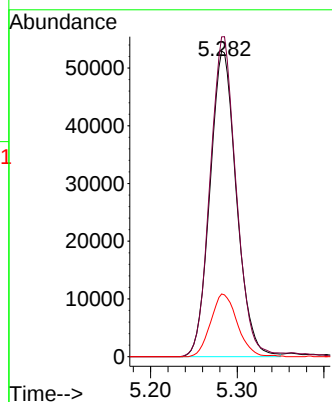
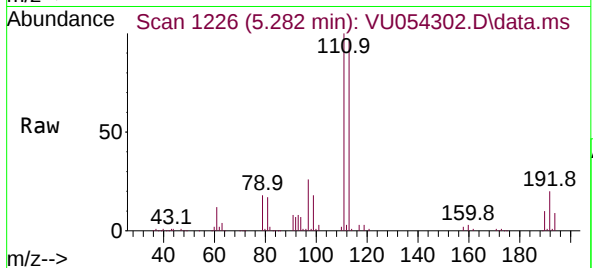




#35
Dibromofluoromethane
Concen: 51.189 ug/l
RT: 5.282 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

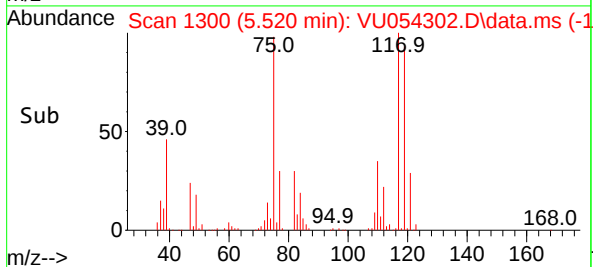
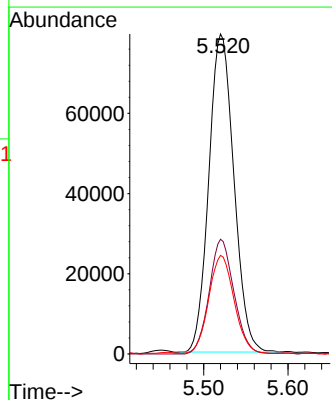
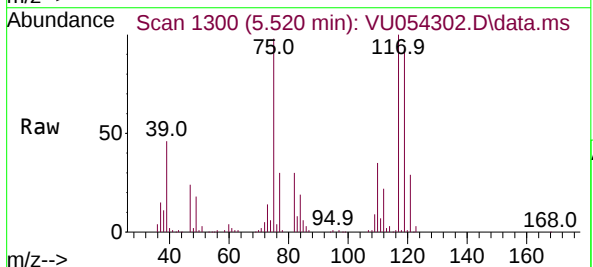
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

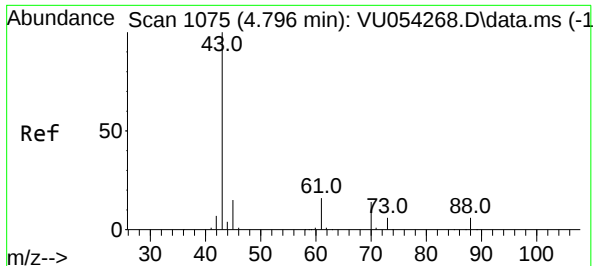
Tgt Ion:113 Resp: 112558
Ion Ratio Lower Upper
113 100
111 103.5 82.1 123.1
192 20.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 47.478 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 75 Resp: 163973
Ion Ratio Lower Upper
75 100
110 35.6 18.4 55.2
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 48.243 ug/l

RT: 4.797 min Scan# 1075

Delta R.T. 0.001 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

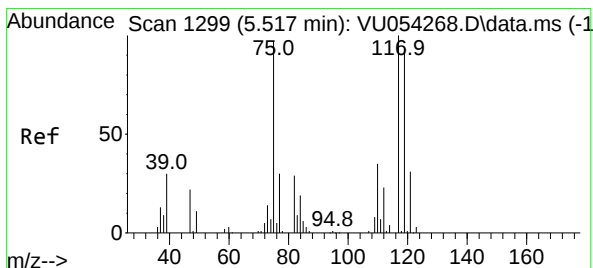
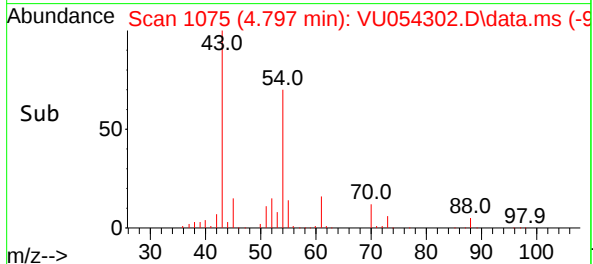
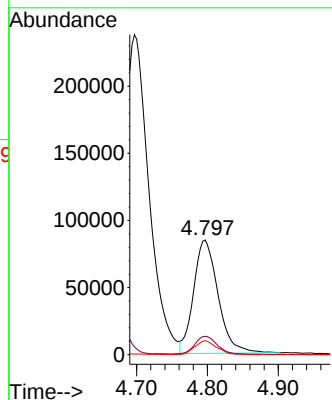
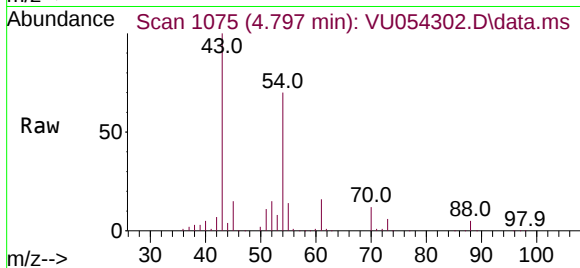
Tgt Ion: 43 Resp: 203057

Ion Ratio Lower Upper

43 100

61 14.9 9.5 14.3#

70 11.1 7.5 11.3



#38

Carbon Tetrachloride

Concen: 50.060 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.003 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

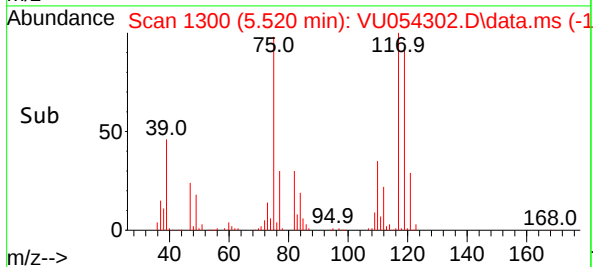
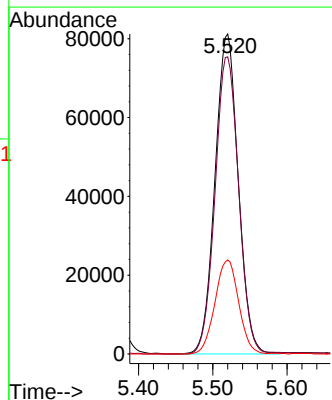
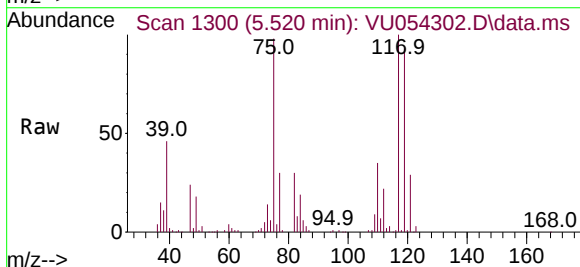
Tgt Ion: 117 Resp: 176960

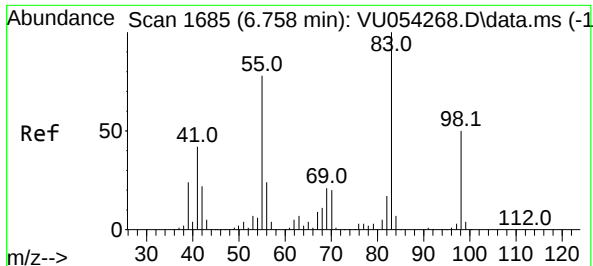
Ion Ratio Lower Upper

117 100

119 92.8 76.8 115.2

121 29.4 24.7 37.1





#39

Methylcyclohexane

Concen: 51.013 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

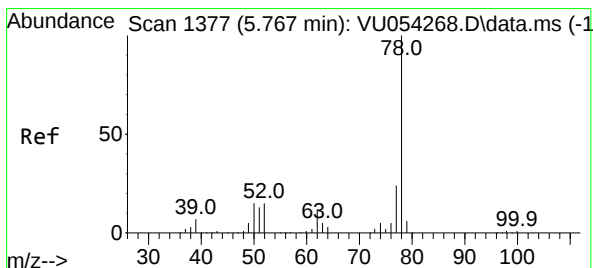
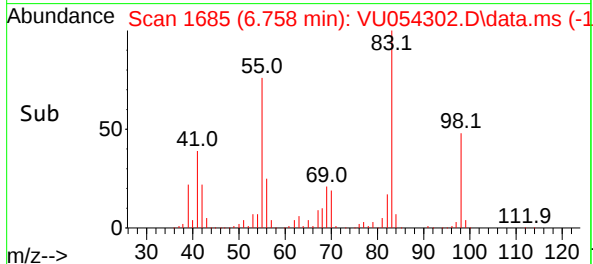
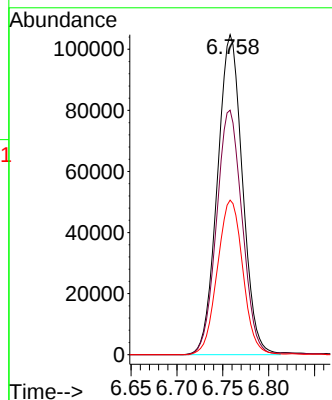
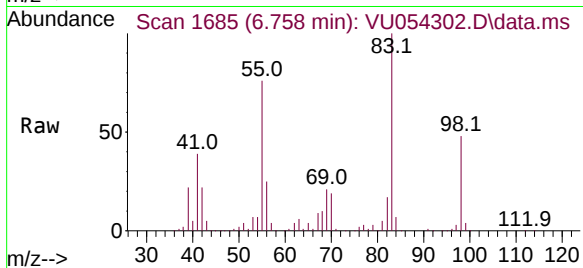
Tgt Ion: 83 Resp: 199554

Ion Ratio Lower Upper

83 100

55 76.4 55.3 82.9

98 48.3 37.3 55.9



#40

Benzene

Concen: 50.476 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU054302.D

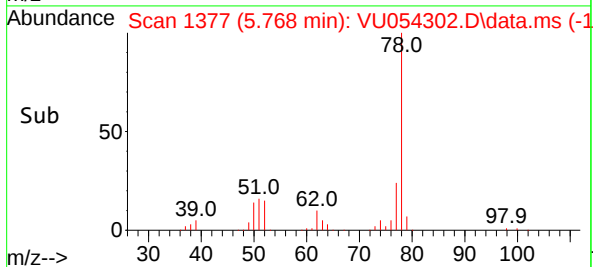
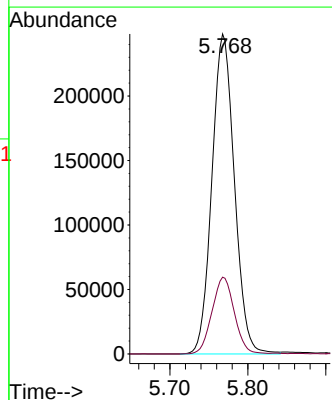
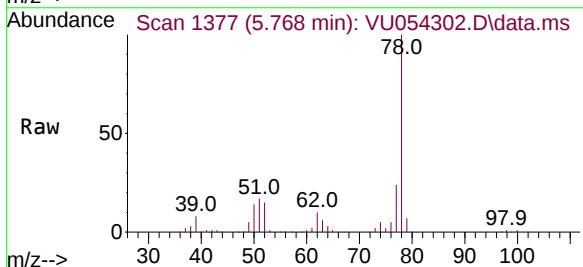
Acq: 30 May 2023 09:50

Tgt Ion: 78 Resp: 497250

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



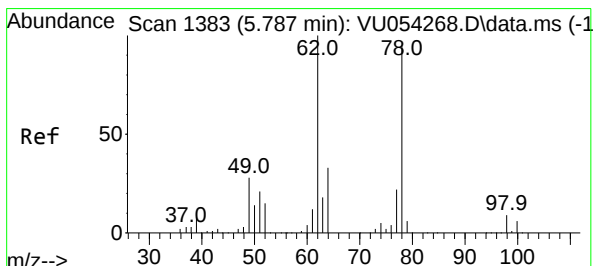
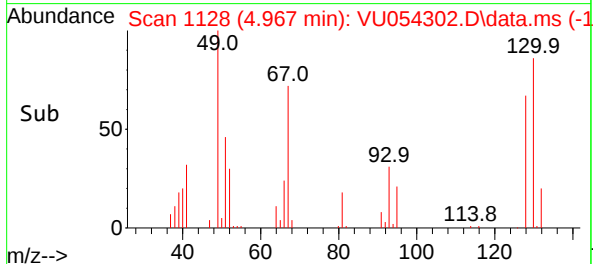
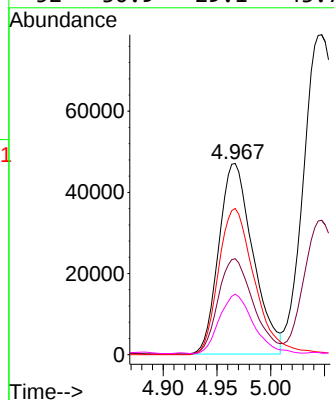
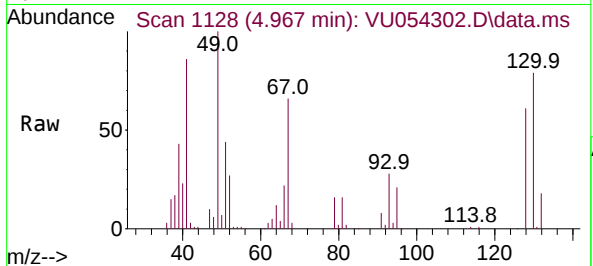


#41
Methacrylonitrile
Concen: 53.462 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 104000

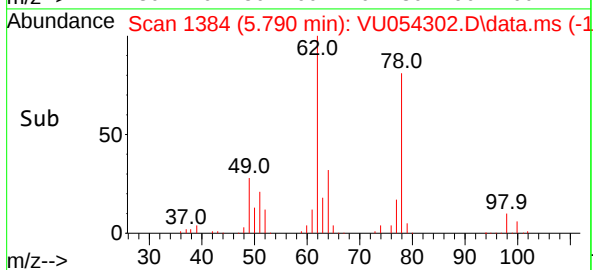
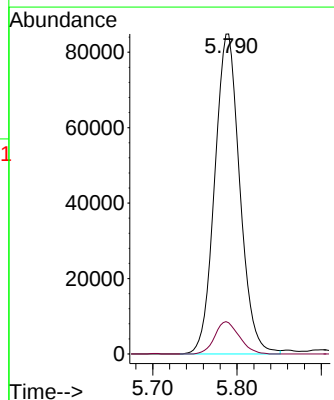
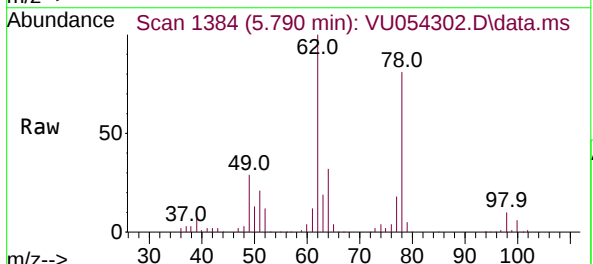
Ion	Ratio	Lower	Upper
41	100		
39	51.5	43.1	64.7
67	81.3	72.3	108.5
52	30.9	29.1	43.7



#42
1,2-Dichloroethane
Concen: 48.897 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 62 Resp: 174987

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6





#43

Isopropyl Acetate

Concen: 50.702 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

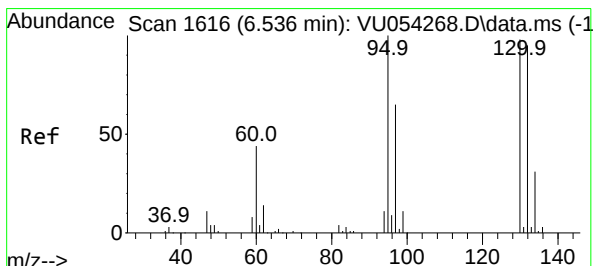
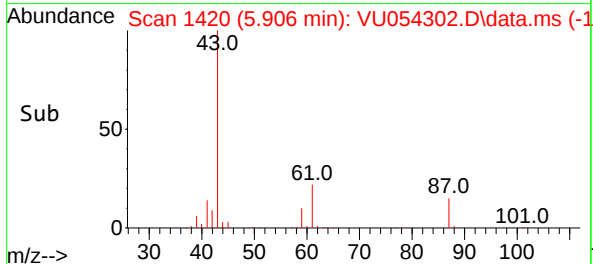
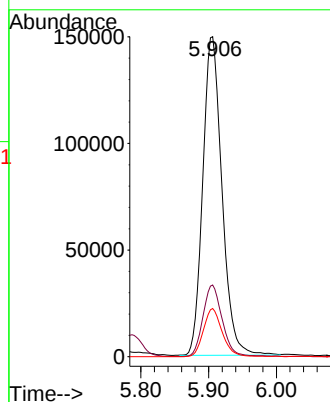
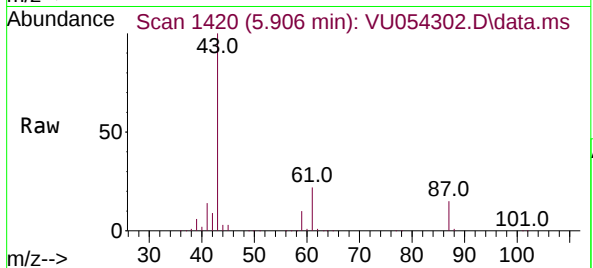
Tgt Ion: 43 Resp: 294364

Ion Ratio Lower Upper

43 100

61 22.4 17.4 26.0

87 14.8 12.6 18.8



#44

Trichloroethene

Concen: 48.083 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. 0.000 min

Lab File: VU054302.D

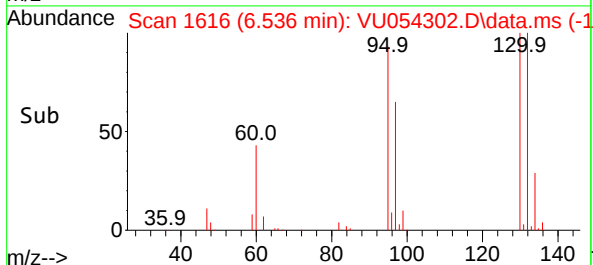
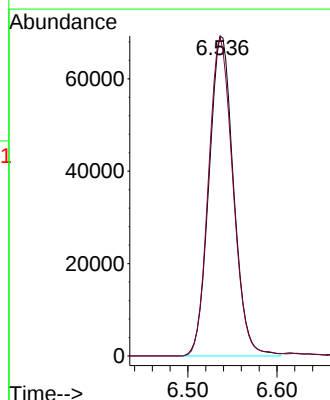
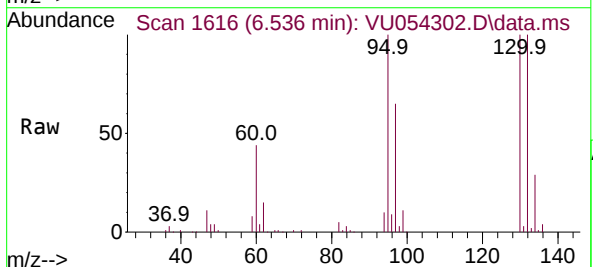
Acq: 30 May 2023 09:50

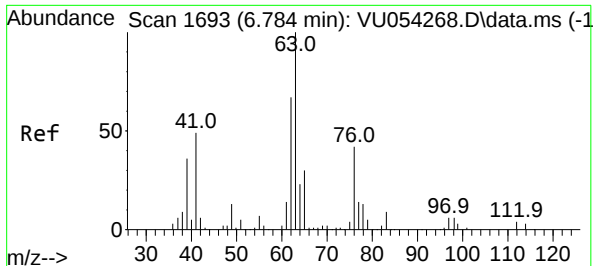
Tgt Ion:130 Resp: 132410

Ion Ratio Lower Upper

130 100

95 99.6 0.0 184.6





#45

1,2-Dichloropropane

Concen: 51.753 ug/l

RT: 6.784 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

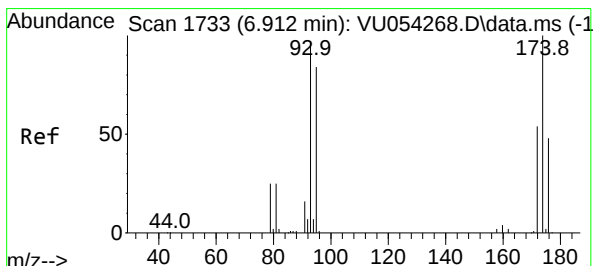
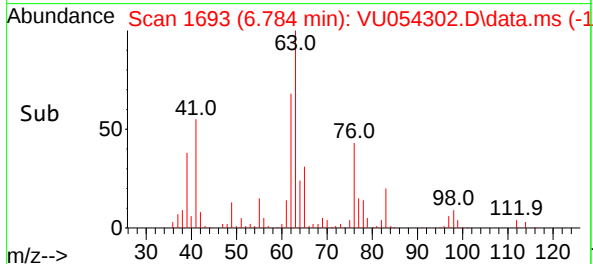
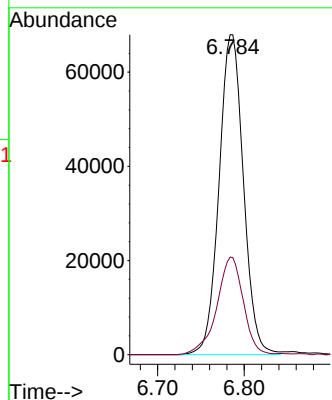
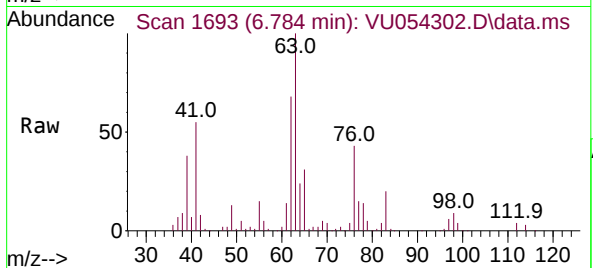
VSTDCCC050

Tgt Ion: 63 Resp: 133002

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.4



#46

Dibromomethane

Concen: 49.809 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

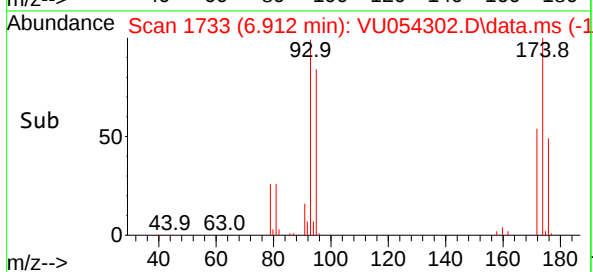
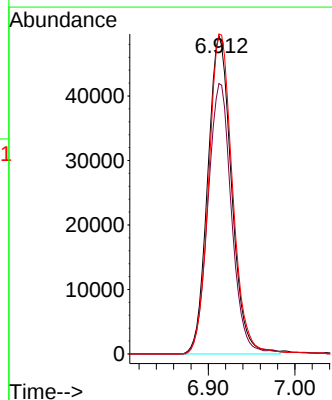
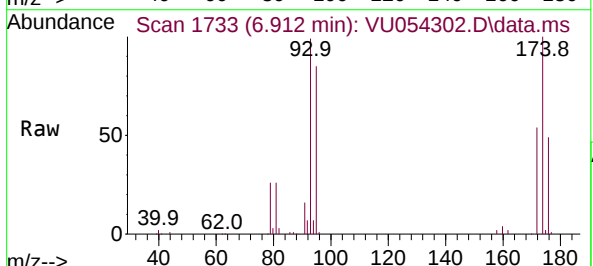
Tgt Ion: 93 Resp: 94223

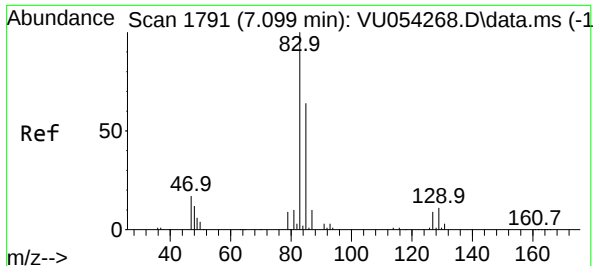
Ion Ratio Lower Upper

93 100

95 83.5 66.3 99.5

174 100.5 88.2 132.4

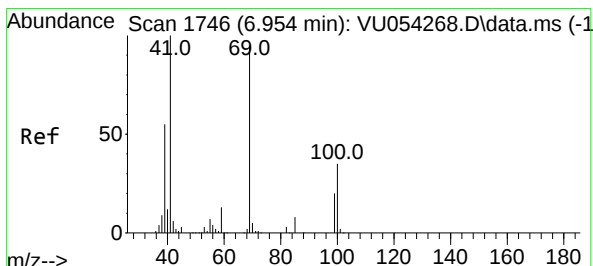
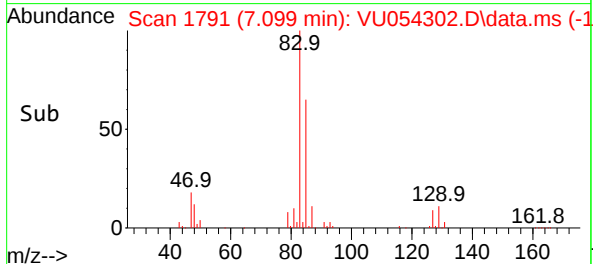
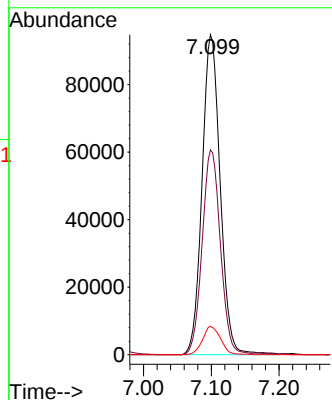
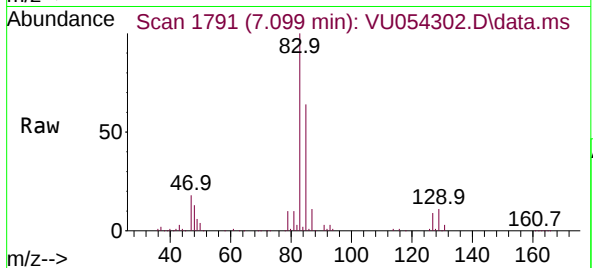




#47
Bromodichloromethane
Concen: 49.772 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

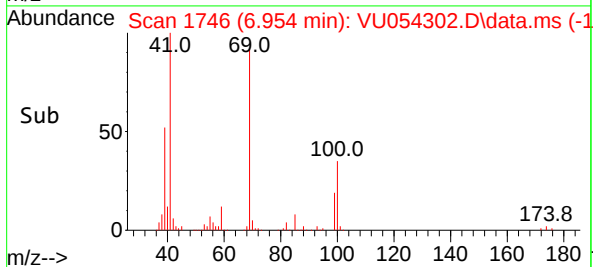
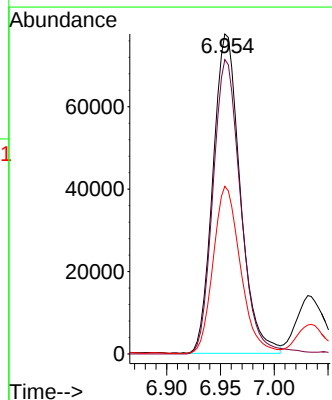
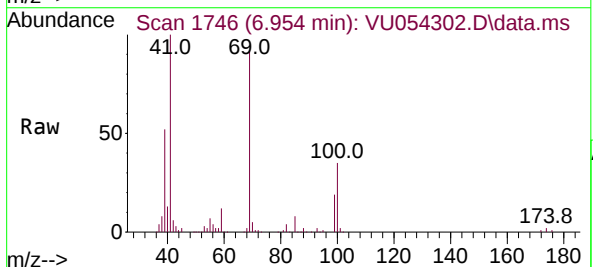
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

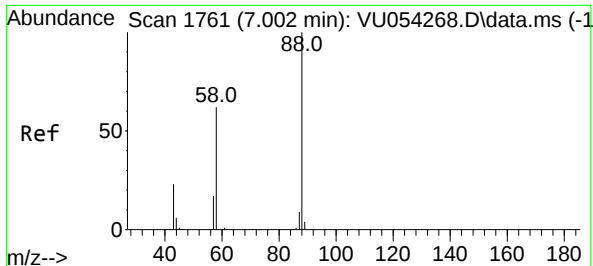
Tgt Ion: 83 Resp: 176080
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 53.162 ug/l
RT: 6.954 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 41 Resp: 136876
Ion Ratio Lower Upper
41 100
69 93.5 79.8 119.6
39 52.1 47.9 71.9





#49

1,4-Dioxane

Concen: 954.573 ug/l

RT: 6.993 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

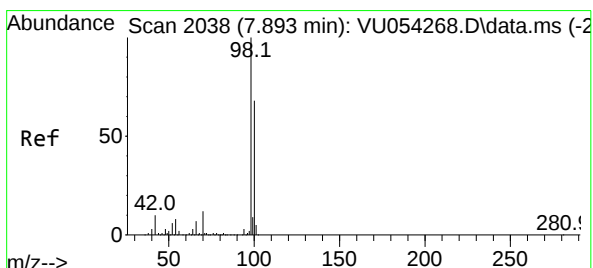
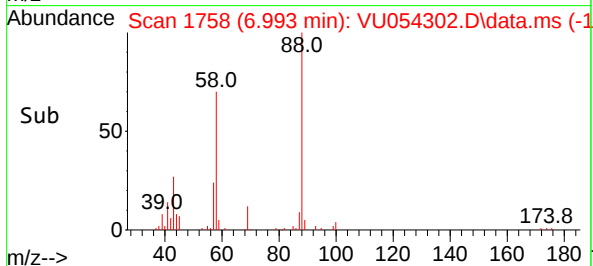
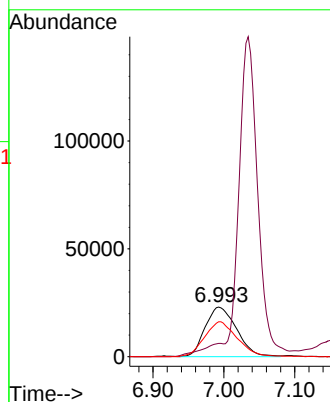
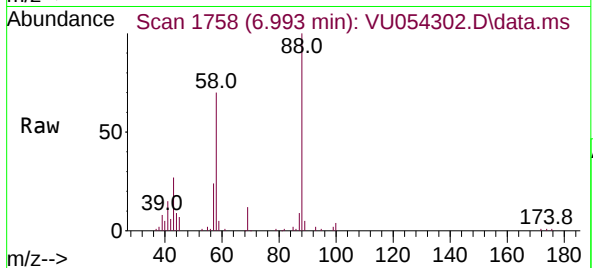
Tgt Ion: 88 Resp: 70953

Ion Ratio Lower Upper

88 100

43 19.2 0.0 0.0#

58 73.5 15.4 23.0#



#50

Toluene-d8

Concen: 50.503 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054302.D

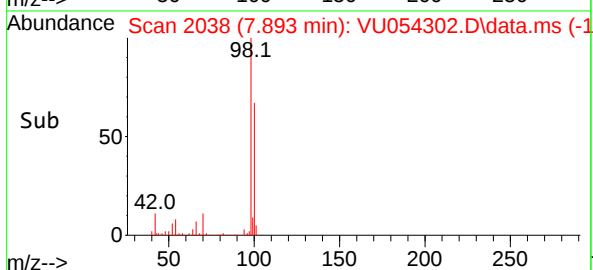
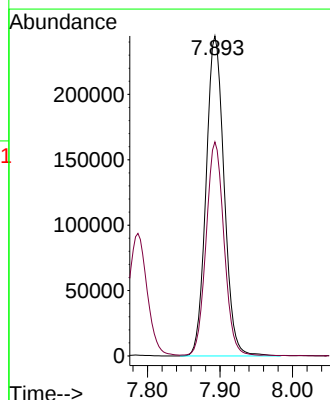
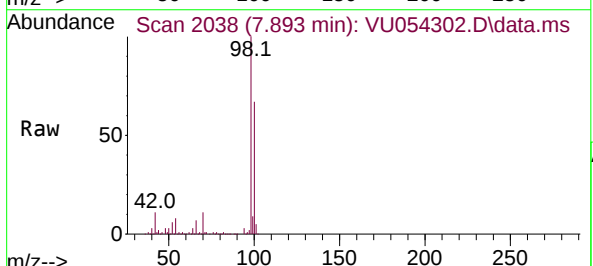
Acq: 30 May 2023 09:50

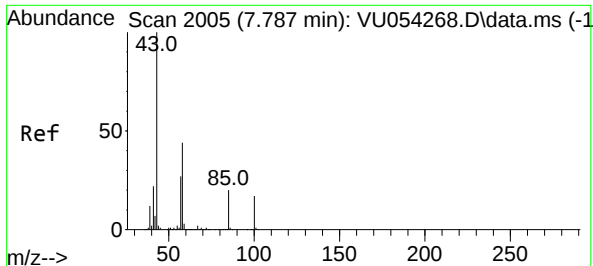
Tgt Ion: 98 Resp: 422395

Ion Ratio Lower Upper

98 100

100 66.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 257.890 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

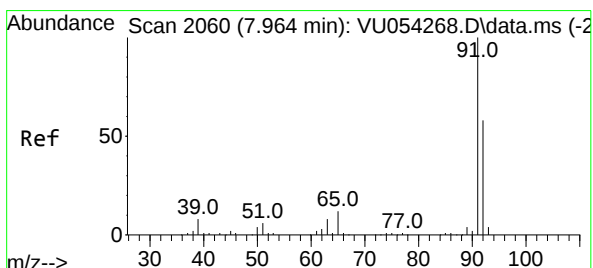
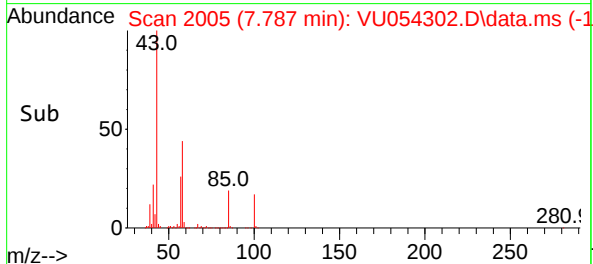
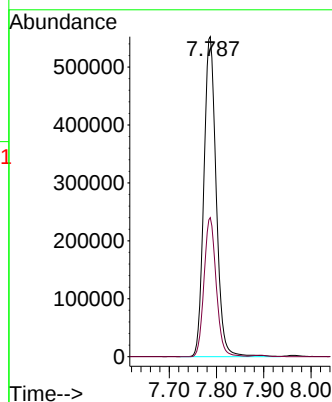
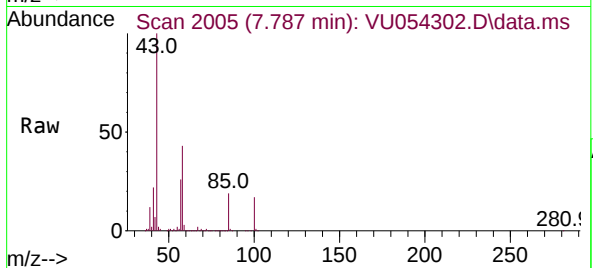
VSTDCCC050

Tgt Ion: 43 Resp: 999173

Ion Ratio Lower Upper

43 100

58 43.0 34.7 52.1



#52

Toluene

Concen: 50.011 ug/l

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU054302.D

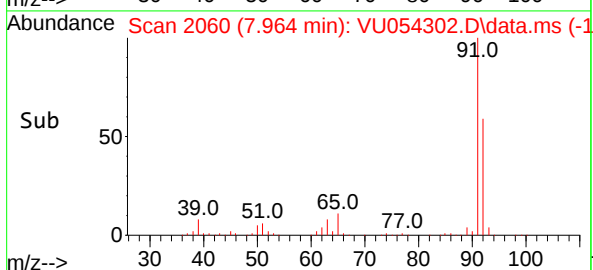
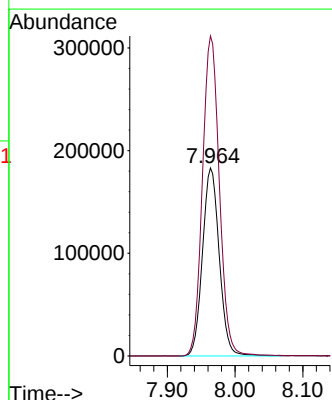
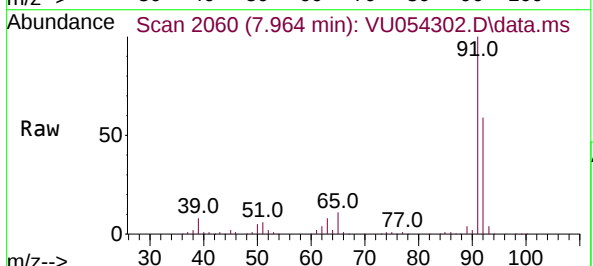
Acq: 30 May 2023 09:50

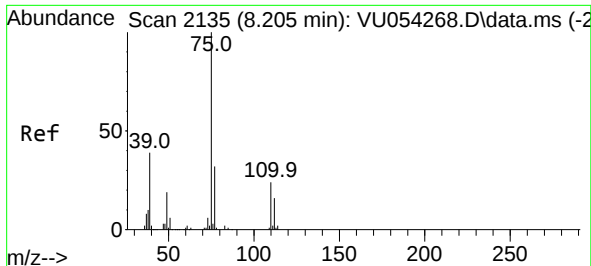
Tgt Ion: 92 Resp: 314146

Ion Ratio Lower Upper

92 100

91 171.6 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 50.746 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

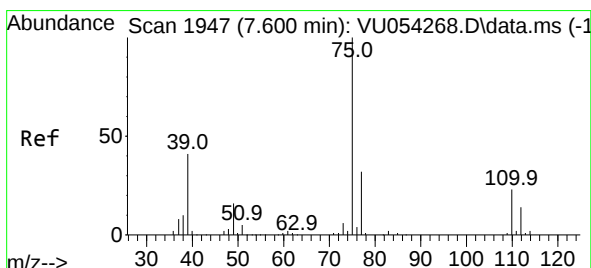
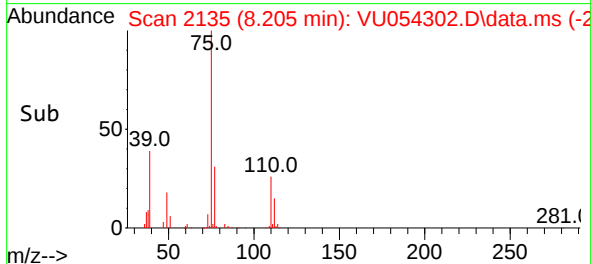
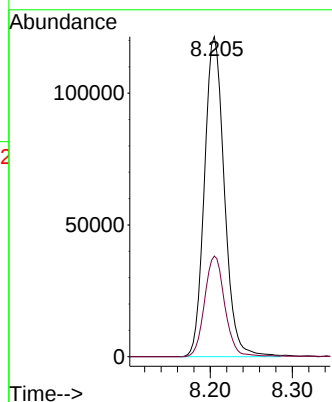
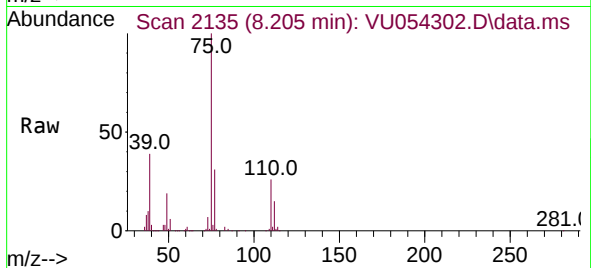
VSTDCCC050

Tgt Ion: 75 Resp: 205391

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.087 ug/l

RT: 7.600 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

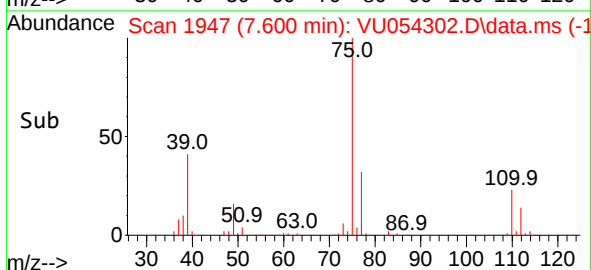
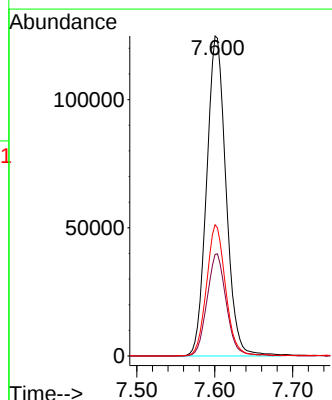
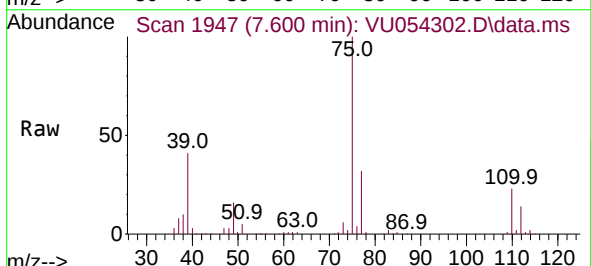
Tgt Ion: 75 Resp: 215788

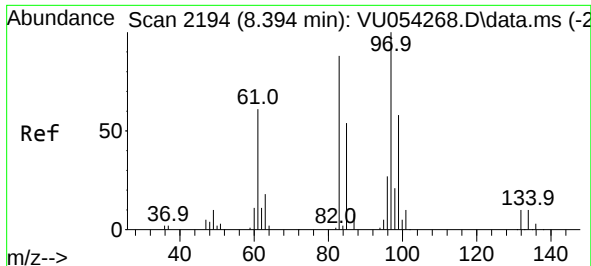
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 40.9 33.0 49.6



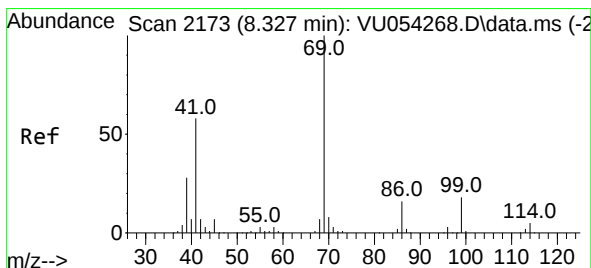
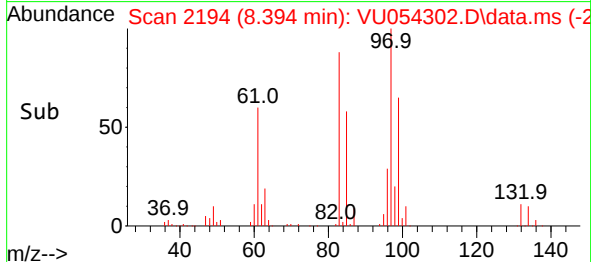
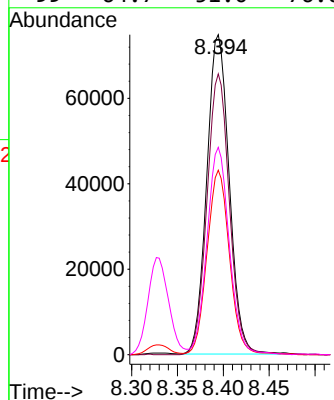
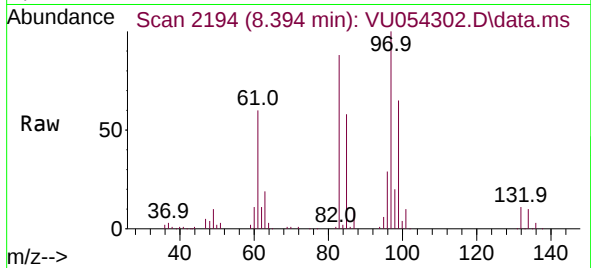


#55
1,1,2-Trichloroethane
Concen: 48.887 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 127262

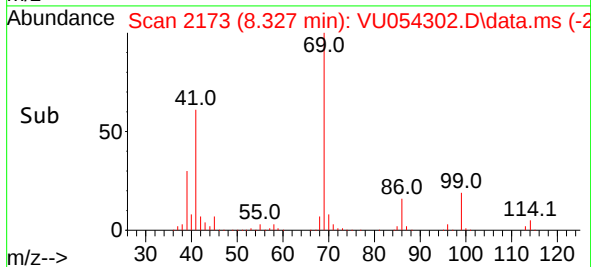
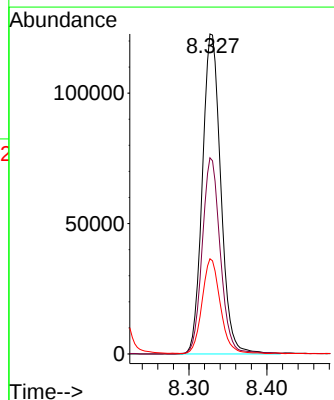
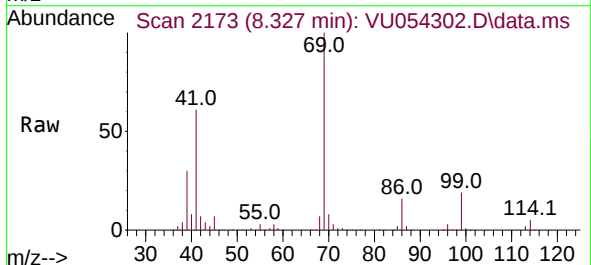
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.2	105.4
85	57.4	44.6	66.8
99	64.7	51.0	76.6

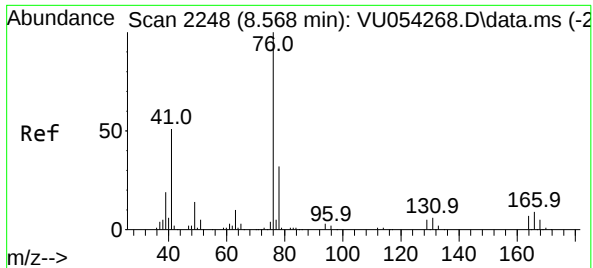


#56
Ethyl methacrylate
Concen: 51.967 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 69 Resp: 201371

Ion	Ratio	Lower	Upper
69	100		
41	60.5	45.4	68.0
39	29.3	25.7	38.5

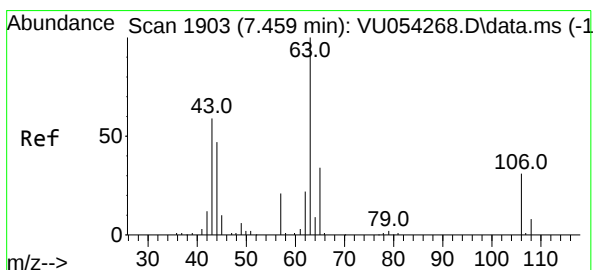
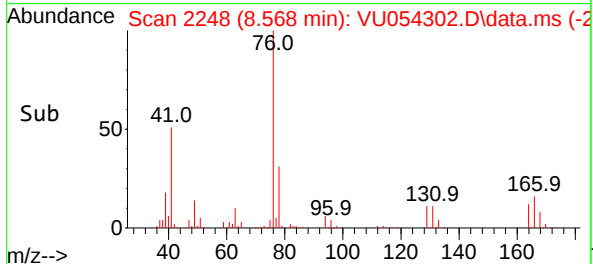
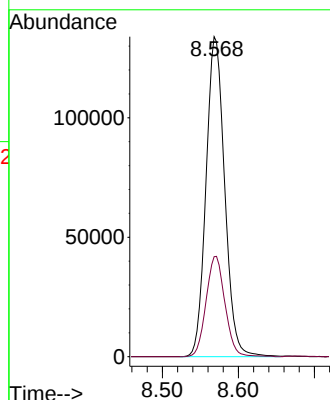
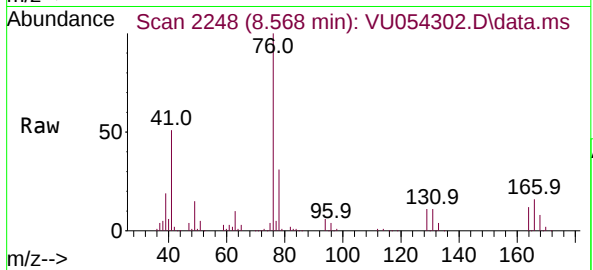




#57
1,3-Dichloropropane
Concen: 50.872 ug/l
RT: 8.568 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

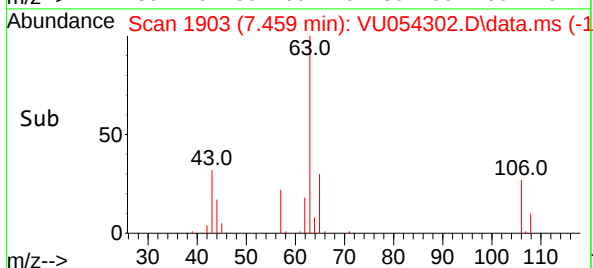
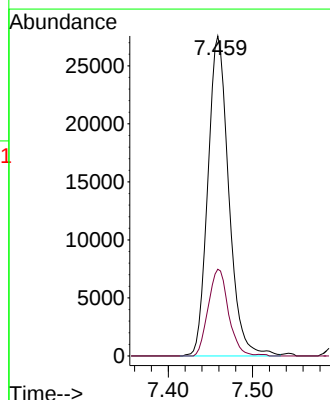
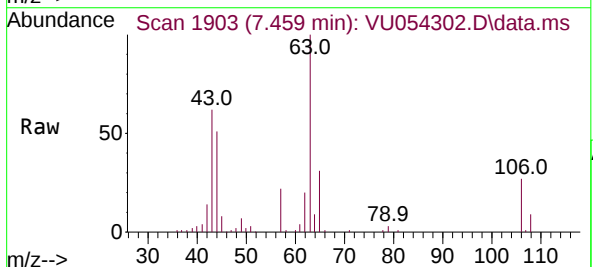
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

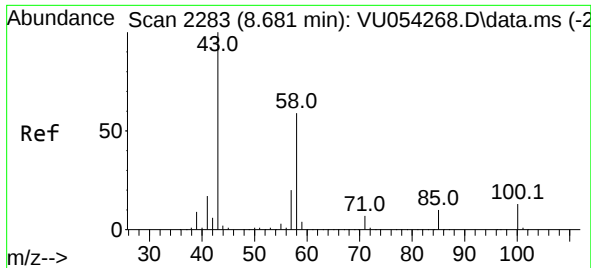
Tgt Ion: 76 Resp: 228062
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 191.534 ug/l
RT: 7.459 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 63 Resp: 47585
Ion Ratio Lower Upper
63 100
106 26.1 23.1 34.7

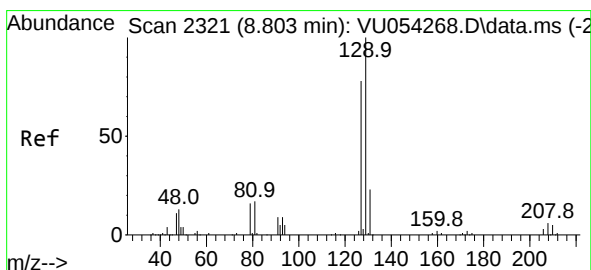
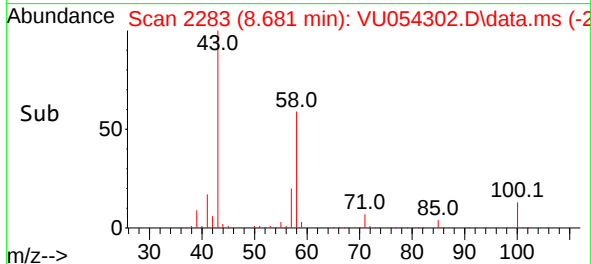
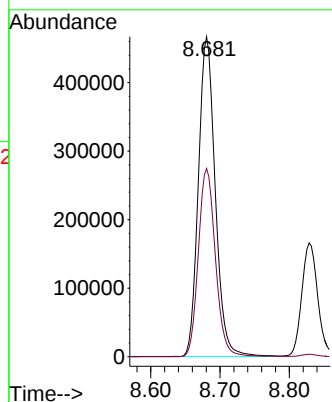
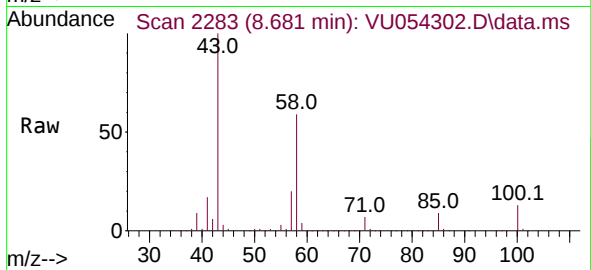




#59
2-Hexanone
Concen: 257.932 ug/l
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

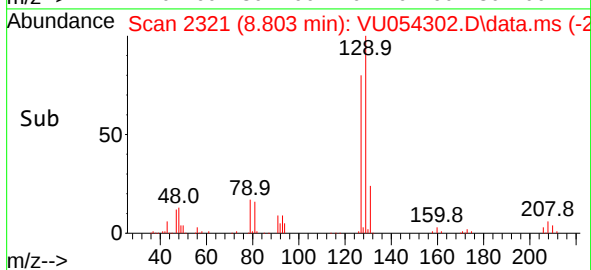
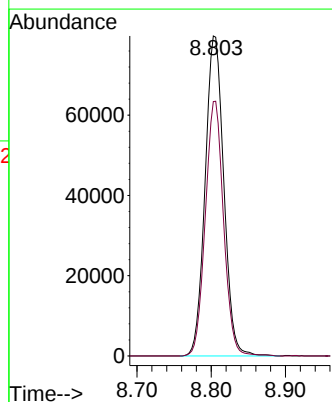
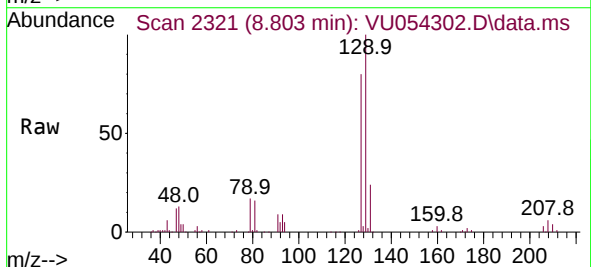
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

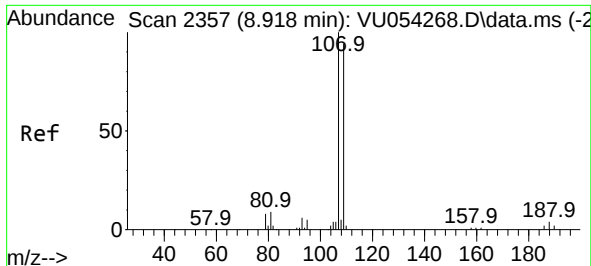
Tgt Ion: 43 Resp: 789426
Ion Ratio Lower Upper
43 100
58 59.6 30.3 90.8



#60
Dibromochloromethane
Concen: 52.560 ug/l
RT: 8.803 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 129 Resp: 139012
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0

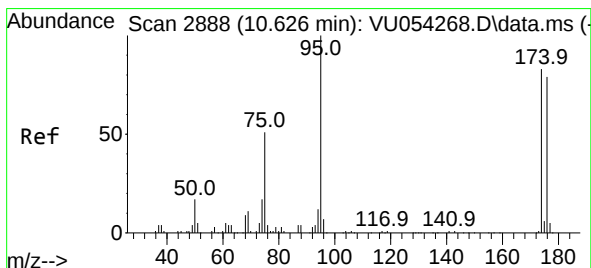
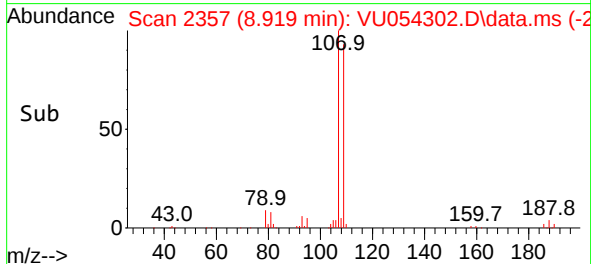
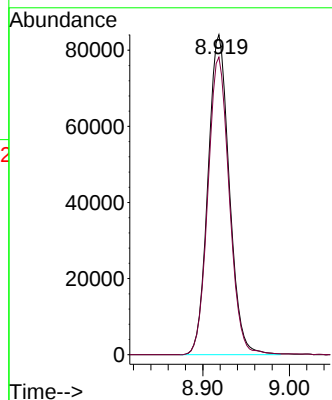
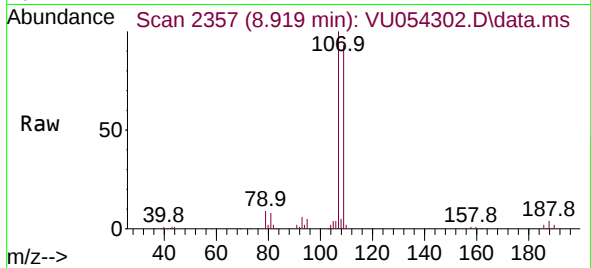




#61
1,2-Dibromoethane
Concen: 50.730 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

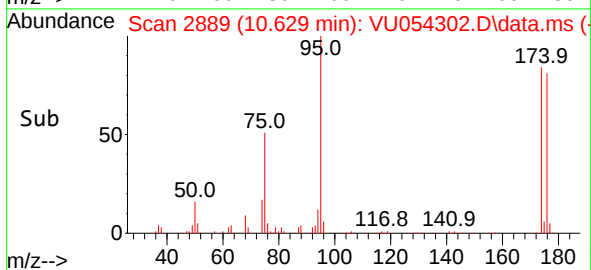
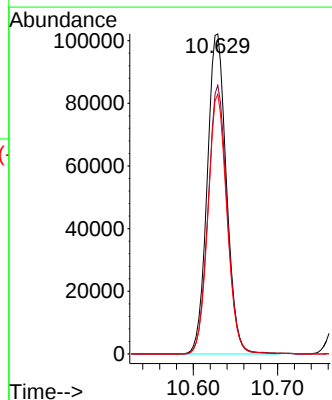
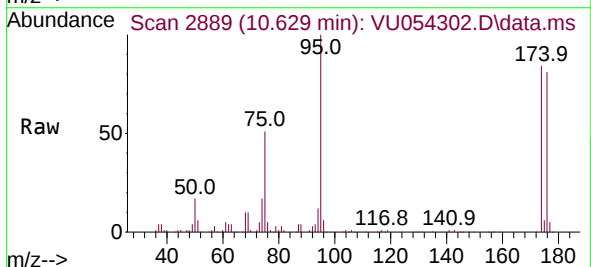
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

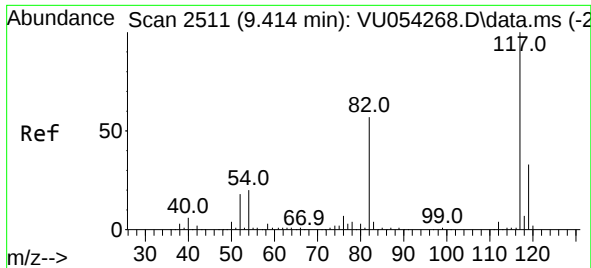
Tgt Ion:107 Resp: 143726
Ion Ratio Lower Upper
107 100
109 93.3 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.952 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 95 Resp: 161993
Ion Ratio Lower Upper
95 100
174 83.4 0.0 182.0
176 80.1 0.0 177.8

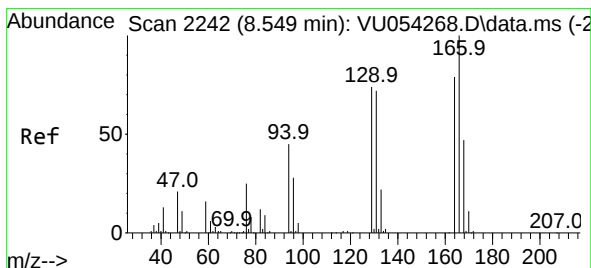
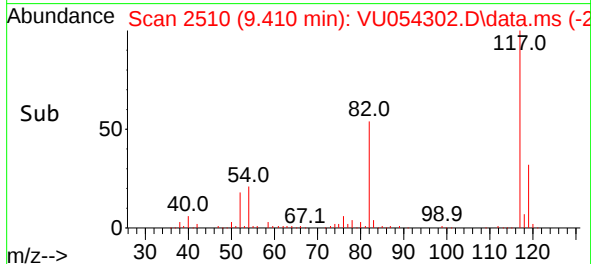
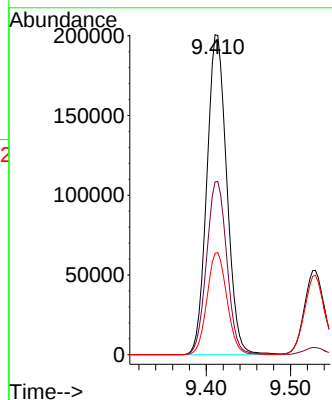
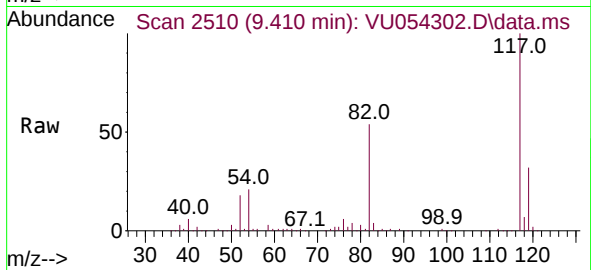




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 211
Delta R.T. -0.004 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

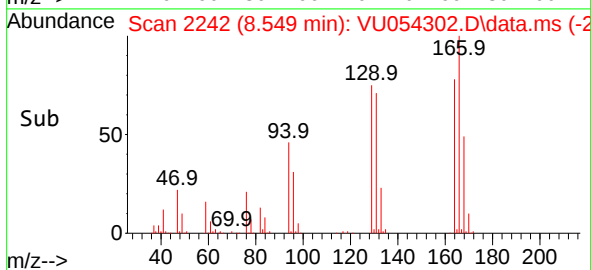
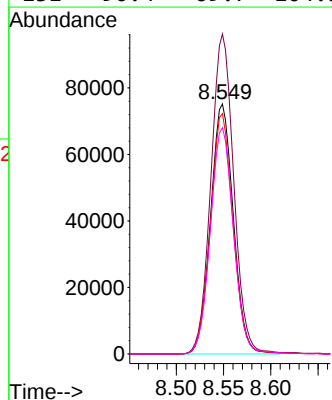
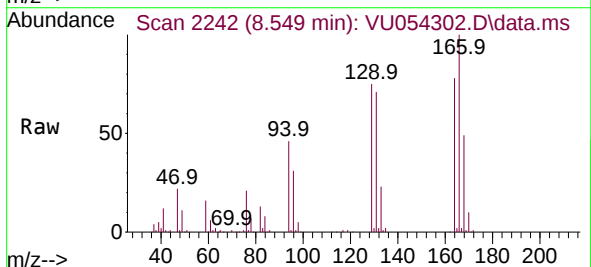
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

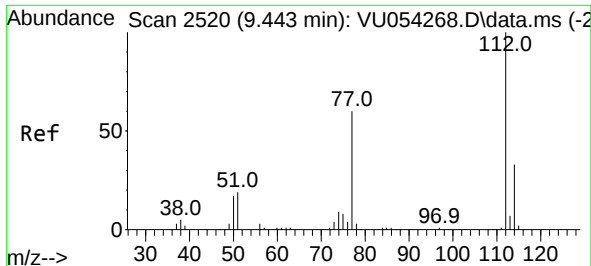
Tgt Ion:117 Resp: 330579
Ion Ratio Lower Upper
117 100
82 54.0 41.7 62.5
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 50.665 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion:164 Resp: 126056
Ion Ratio Lower Upper
164 100
166 128.0 100.0 150.0
129 96.1 72.0 108.0
131 90.4 69.7 104.5

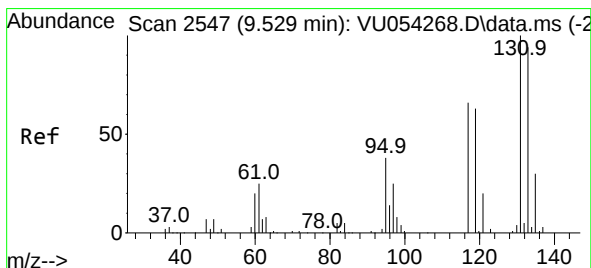
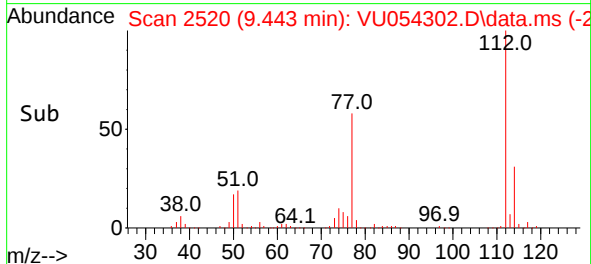
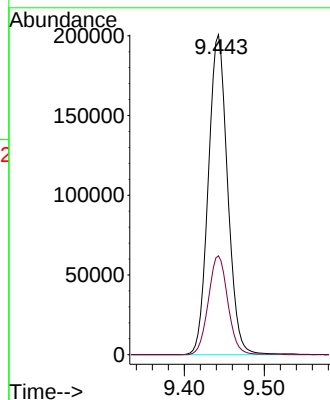
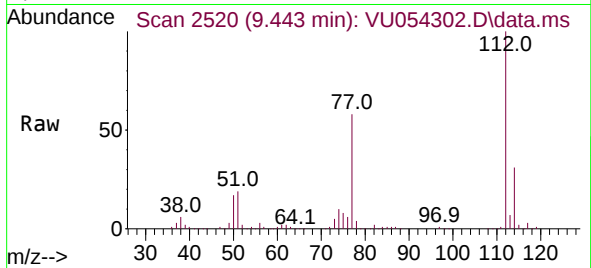




#65
Chlorobenzene
Concen: 48.577 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

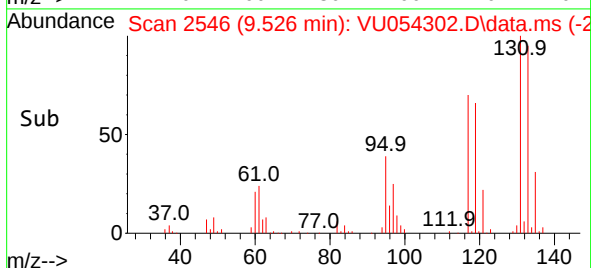
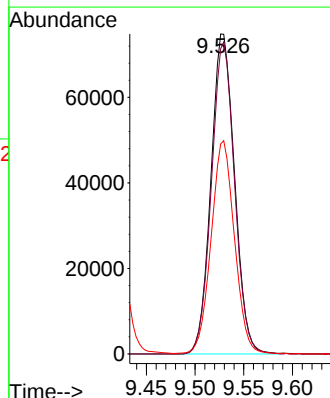
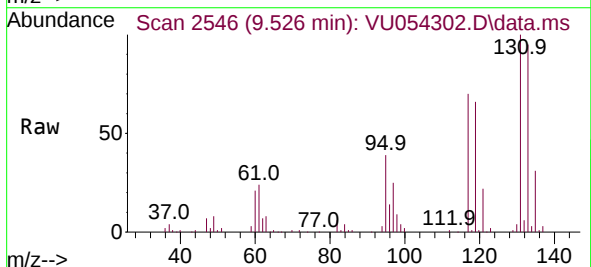
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

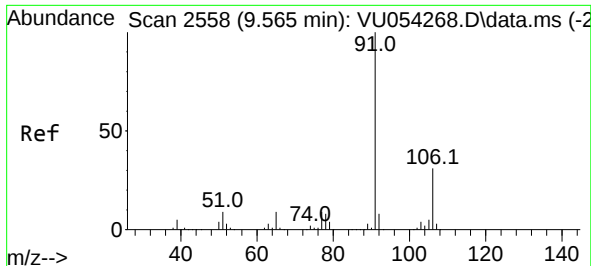
Tgt Ion:112 Resp: 335707
Ion Ratio Lower Upper
112 100
114 30.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.331 ug/l
RT: 9.526 min Scan# 2546
Delta R.T. -0.003 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion:131 Resp: 126185
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 66.1 33.9 101.6





#67

Ethyl Benzene

Concen: 50.408 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

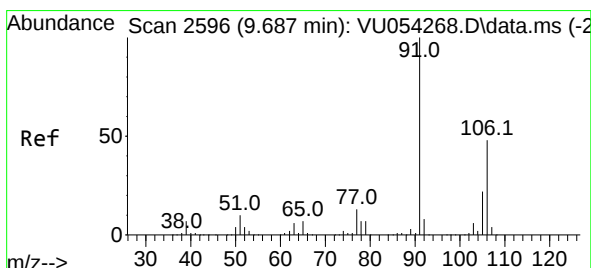
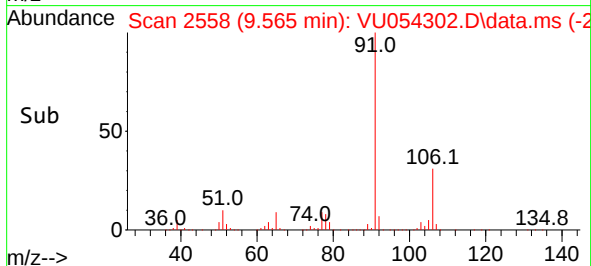
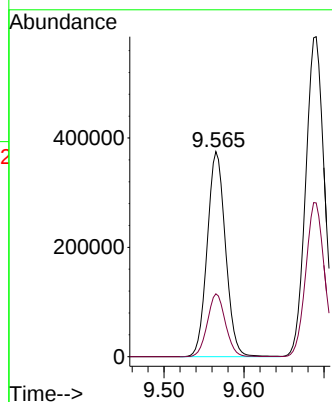
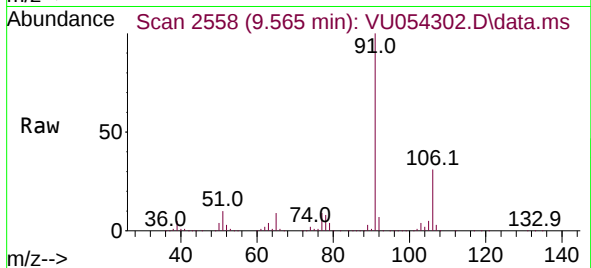
VSTDCCC050

Tgt Ion: 91 Resp: 595585

Ion Ratio Lower Upper

91 100

106 30.7 25.6 38.4



#68

m/p-Xylenes

Concen: 103.421 ug/l

RT: 9.687 min Scan# 2596

Delta R.T. 0.000 min

Lab File: VU054302.D

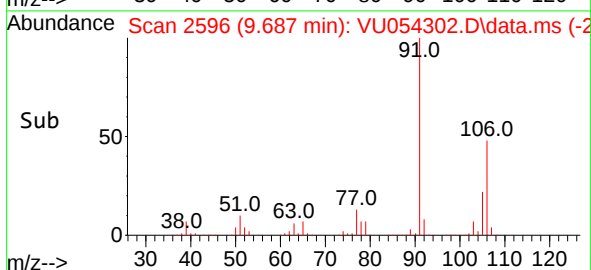
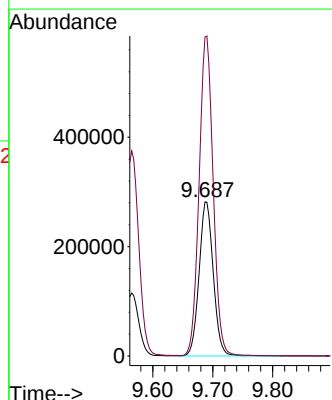
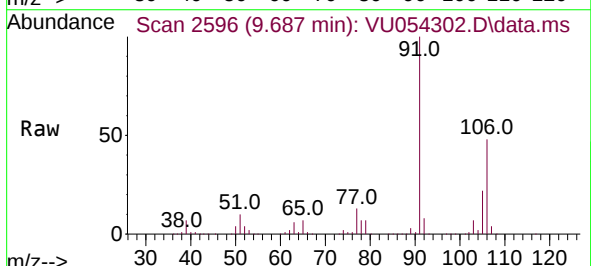
Acq: 30 May 2023 09:50

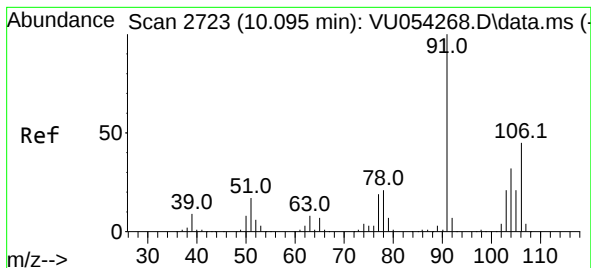
Tgt Ion:106 Resp: 463175

Ion Ratio Lower Upper

106 100

91 206.9 157.2 235.8





#69

o-Xylene

Concen: 51.425 ug/l

RT: 10.095 min Scan# 2723

Delta R.T. 0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

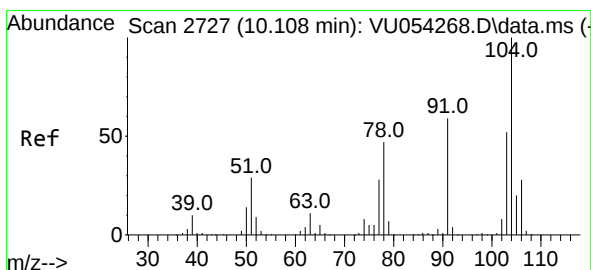
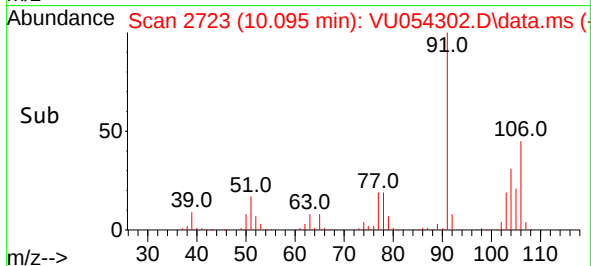
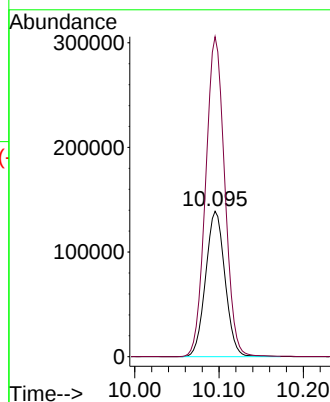
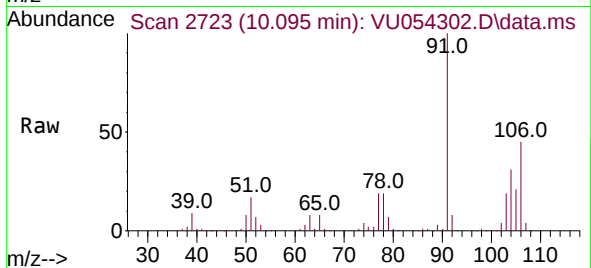
VSTDCCC050

Tgt Ion:106 Resp: 222946

Ion Ratio Lower Upper

106 100

91 217.4 103.5 310.5



#70

Styrene

Concen: 52.944 ug/l

RT: 10.108 min Scan# 2727

Delta R.T. 0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

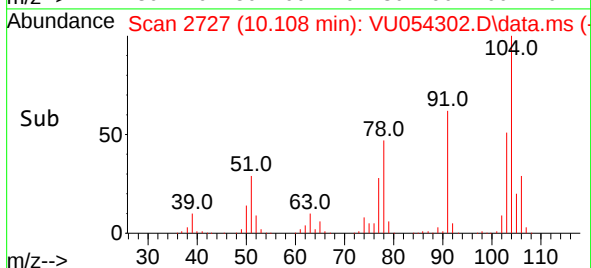
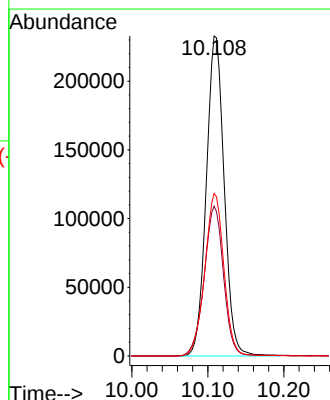
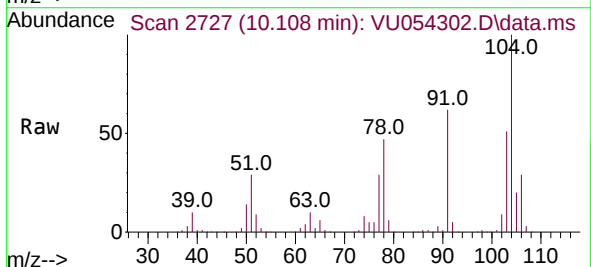
Tgt Ion:104 Resp: 380648

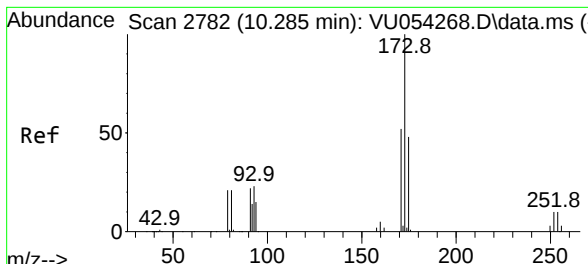
Ion Ratio Lower Upper

104 100

78 50.6 38.0 57.0

103 54.5 43.9 65.9

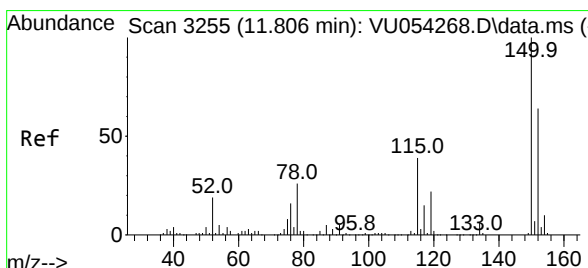
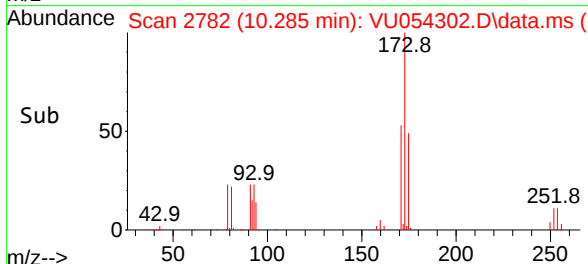
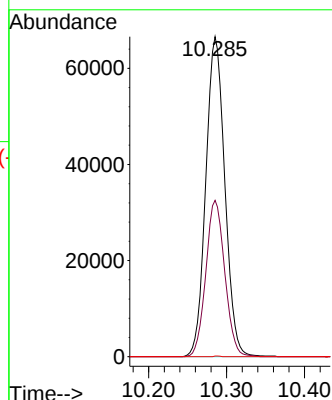
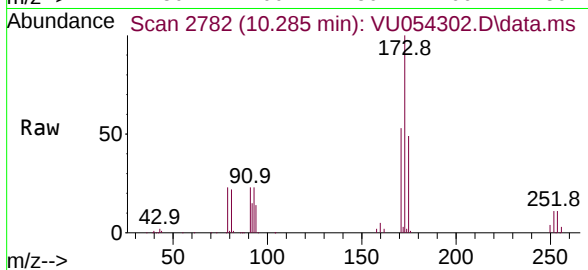




#71
Bromoform
Concen: 51.814 ug/l
RT: 10.285 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

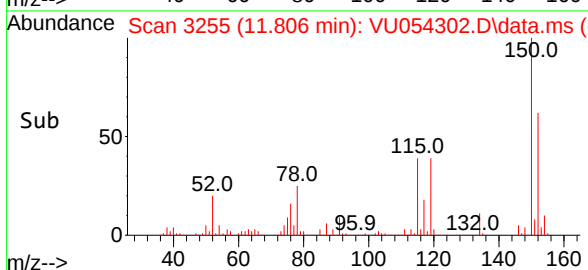
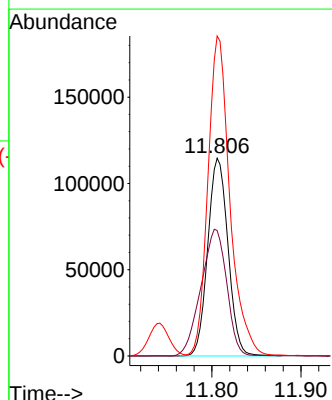
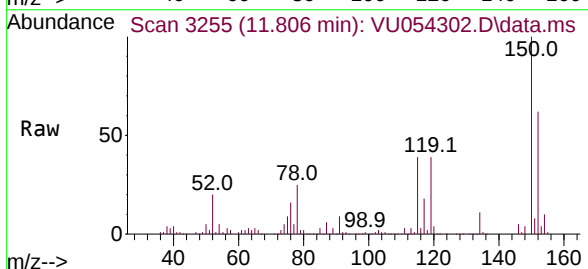
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

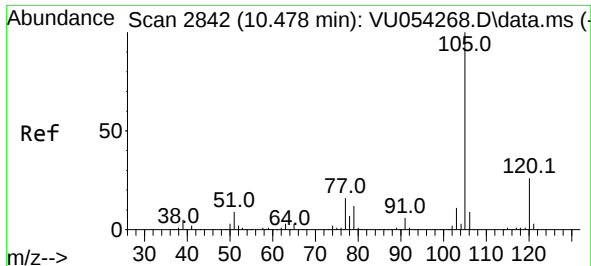
Tgt Ion:173 Resp: 112885
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.2
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion:152 Resp: 181475
Ion Ratio Lower Upper
152 100
115 81.2 37.0 110.9
150 174.6 0.0 342.2

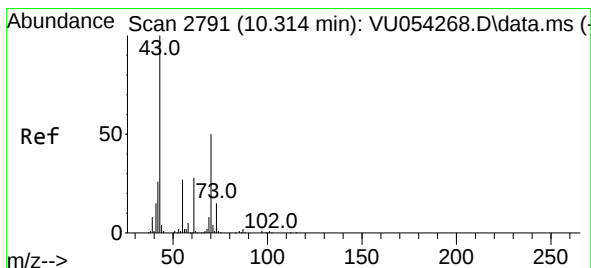
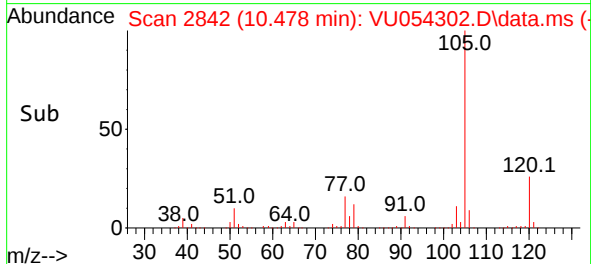
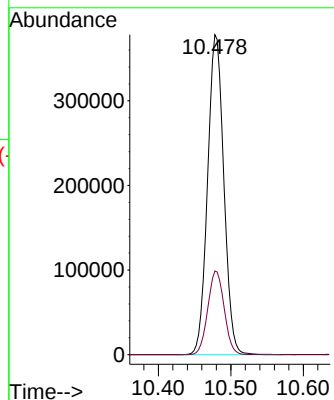
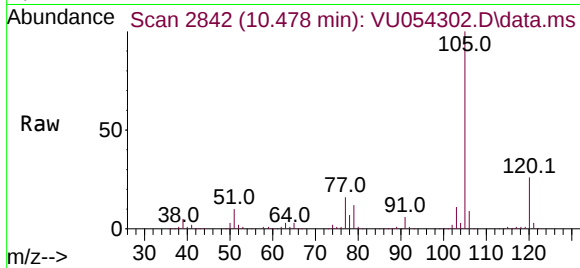




#73
Isopropylbenzene
Concen: 52.299 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

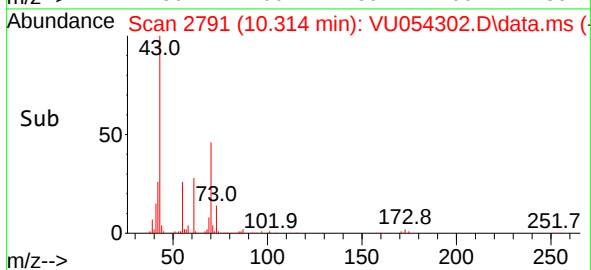
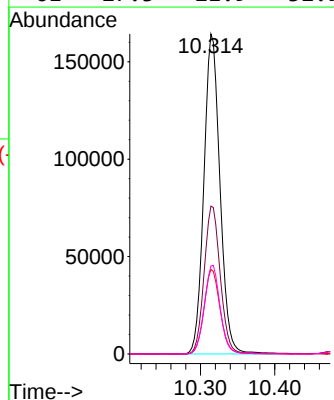
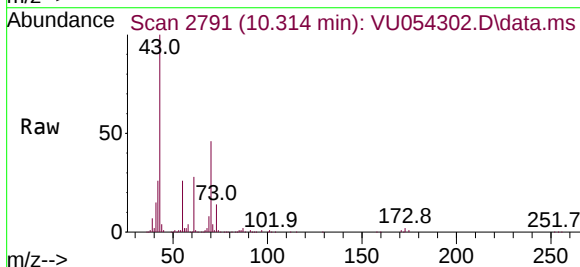
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

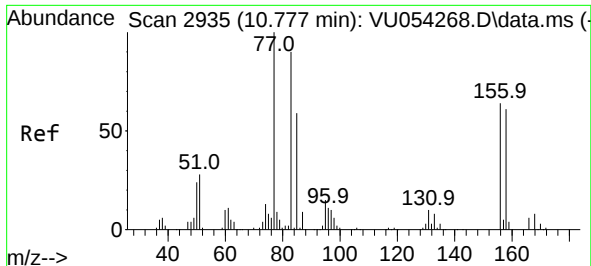
Tgt Ion:105 Resp: 587784
Ion Ratio Lower Upper
105 100
120 26.4 13.8 41.4



#74
N-ethyl acetate
Concen: 51.756 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 43 Resp: 246991
Ion Ratio Lower Upper
43 100
70 46.4 38.7 58.1
55 26.3 21.8 32.8
61 27.3 21.9 32.9

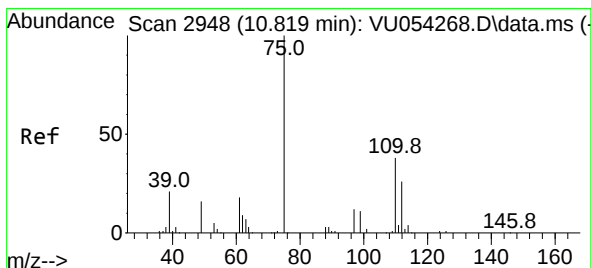
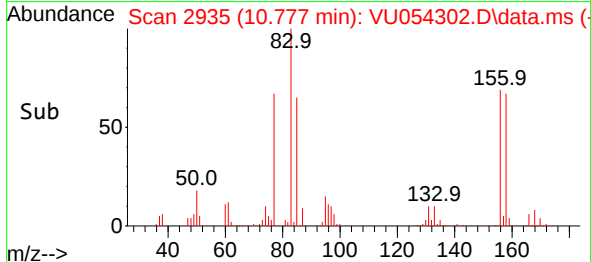
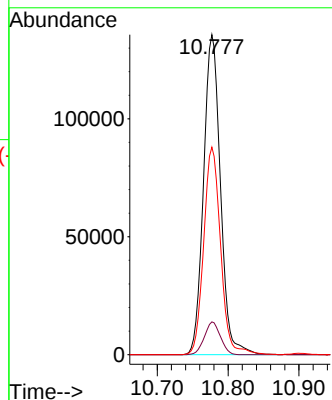
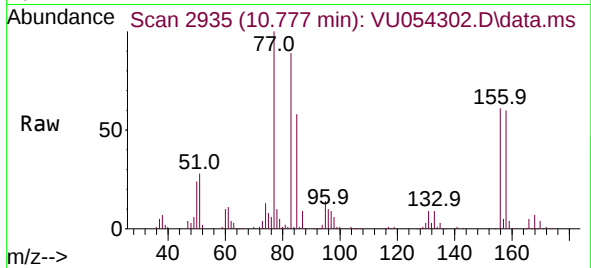




#75
1,1,2,2-Tetrachloroethane
Concen: 49.518 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

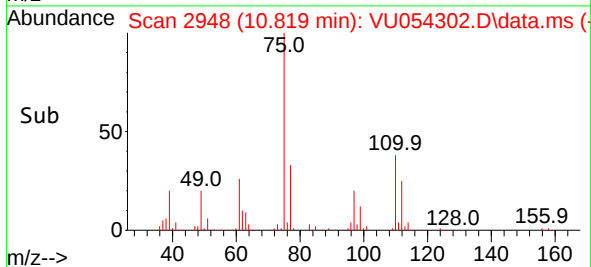
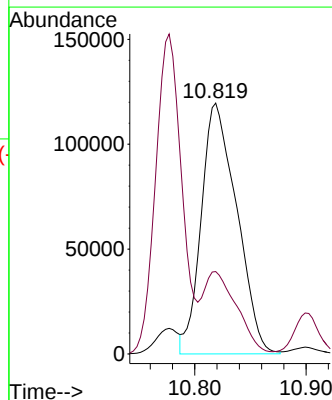
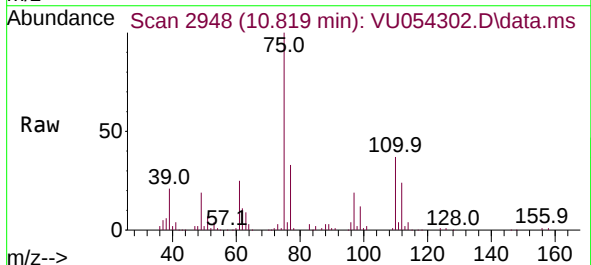
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

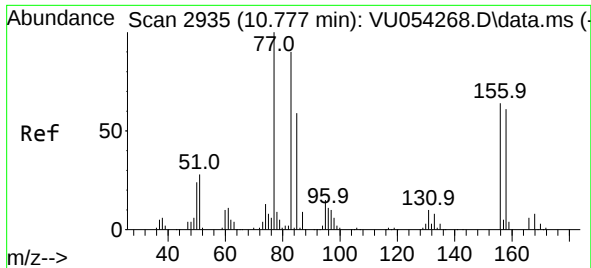
Tgt Ion: 83 Resp: 225192
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.4
85 64.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 49.975 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 75 Resp: 264693
Ion Ratio Lower Upper
75 100
77 30.7 15.8 47.3

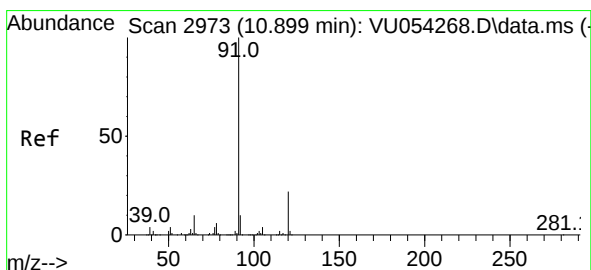
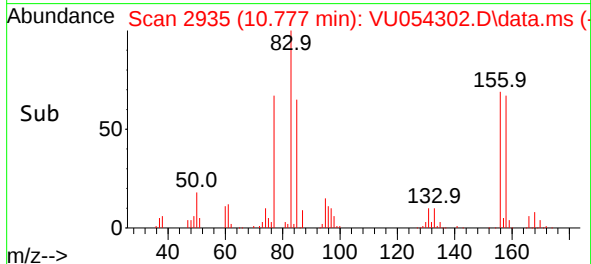
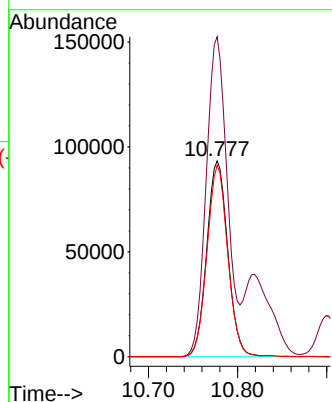
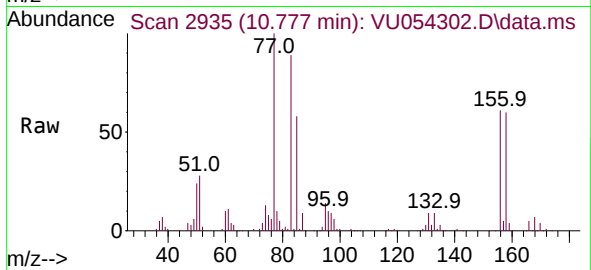




#77
Bromobenzene
Concen: 49.464 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

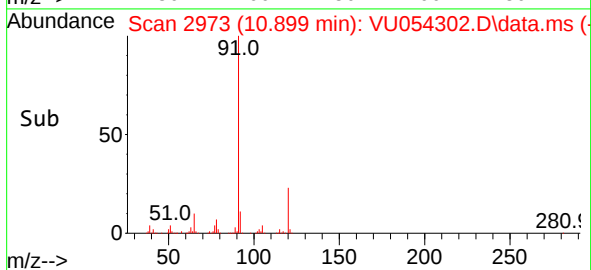
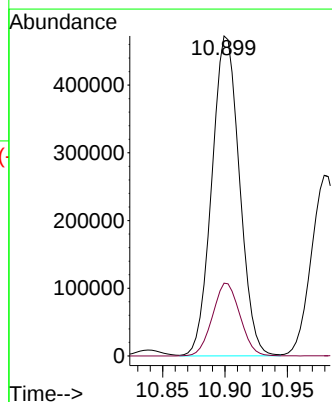
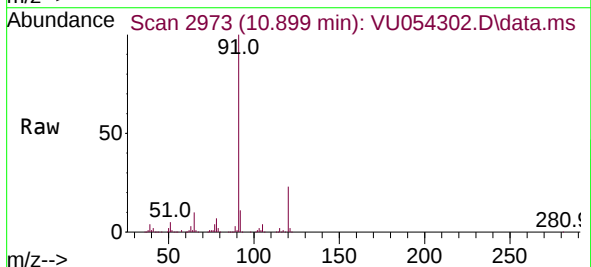
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

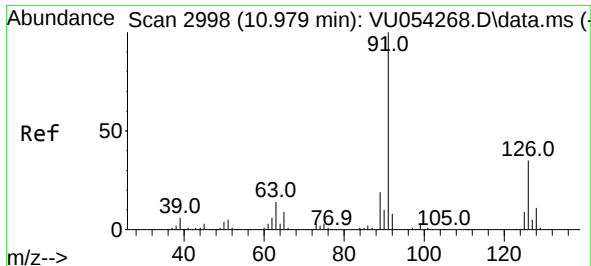
Tgt Ion:156 Resp: 152660
Ion Ratio Lower Upper
156 100
77 164.2 71.9 215.6
158 96.2 48.9 146.8



#78
n-propylbenzene
Concen: 53.053 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 91 Resp: 730419
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 51.423 ug/l

RT: 10.980 min Scan# 2998

Delta R.T. 0.001 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

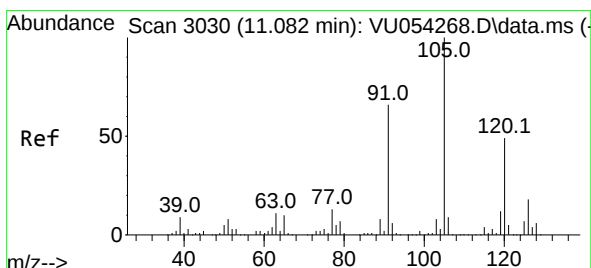
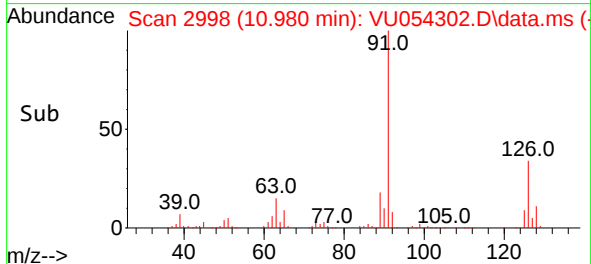
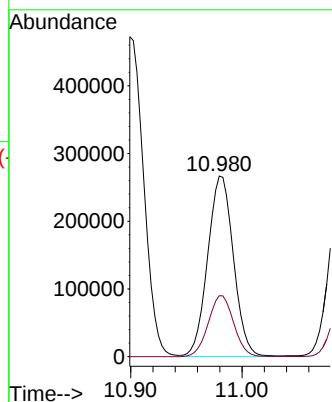
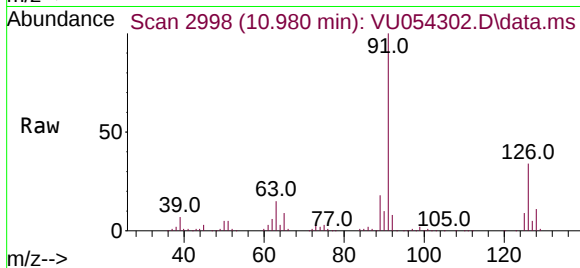
VSTDCCC050

Tgt Ion: 91 Resp: 428630

Ion Ratio Lower Upper

91 100

126 33.4 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 52.885 ug/l

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU054302.D

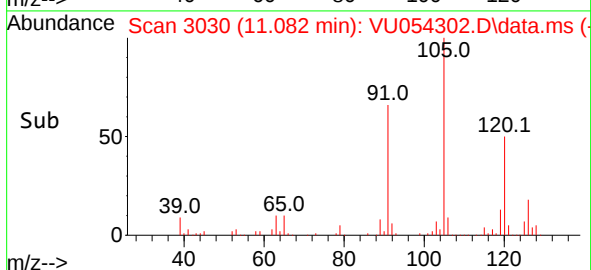
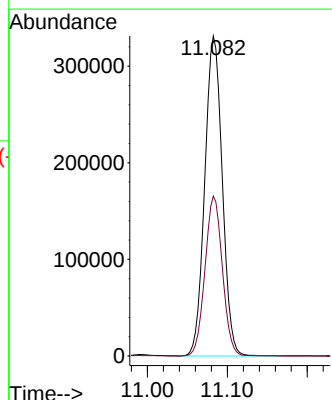
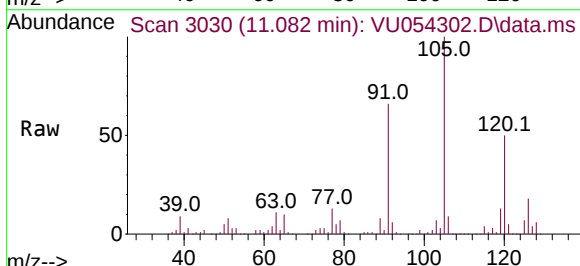
Acq: 30 May 2023 09:50

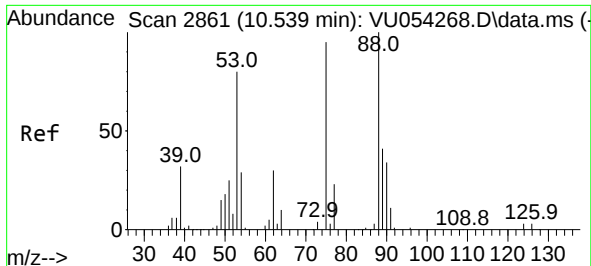
Tgt Ion:105 Resp: 505467

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.9

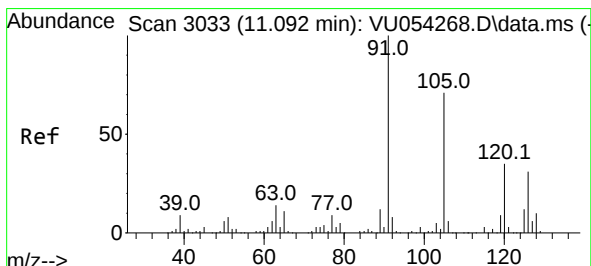
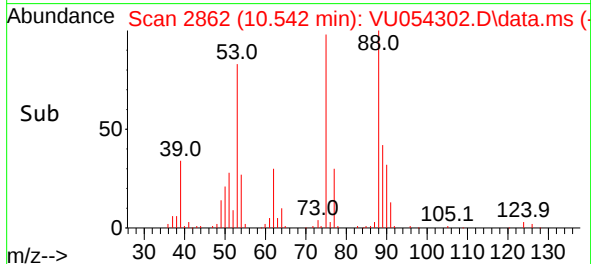
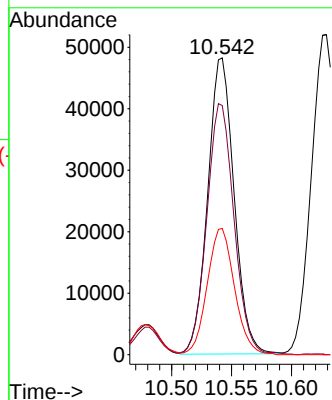
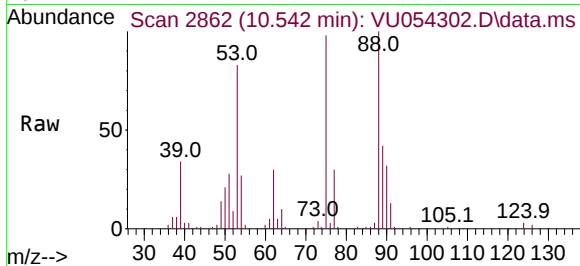




#81
trans-1,4-Dichloro-2-butene
Concen: 53.028 ug/l
RT: 10.542 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

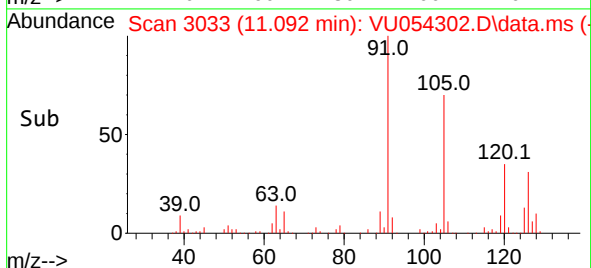
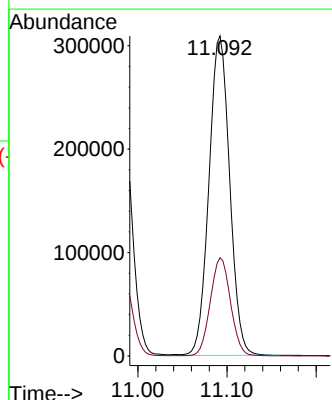
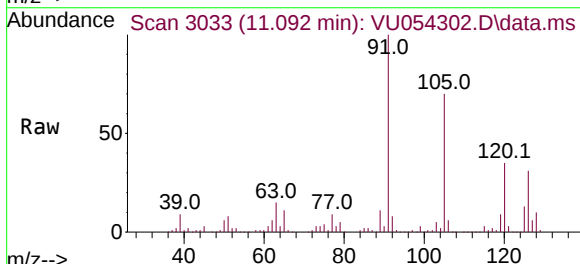
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

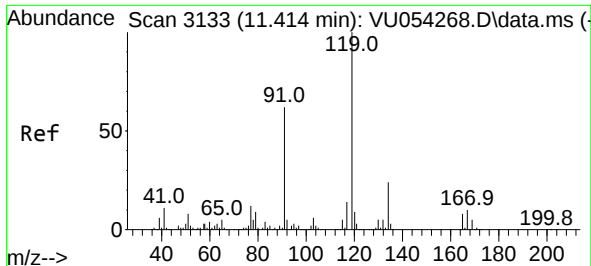
Tgt Ion: 75 Resp: 73757
Ion Ratio Lower Upper
75 100
53 87.8 69.2 103.8
89 44.2 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.993 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 91 Resp: 498713
Ion Ratio Lower Upper
91 100
126 29.9 16.1 48.2



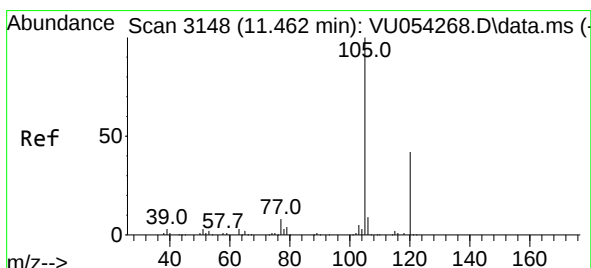
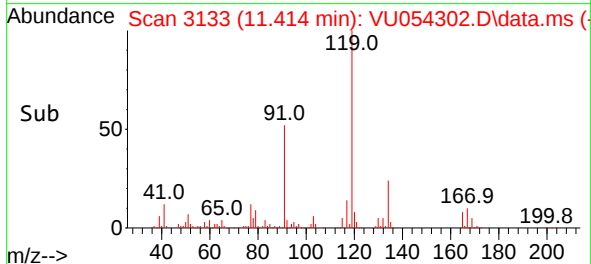
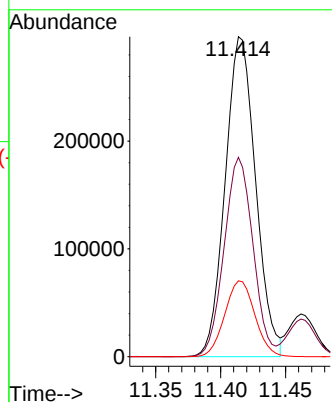
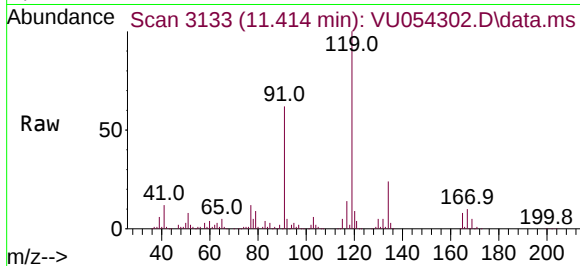


#83
 tert-Butylbenzene
 Concen: 50.734 ug/l
 RT: 11.414 min Scan# 3133
 Delta R.T. -0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 484893

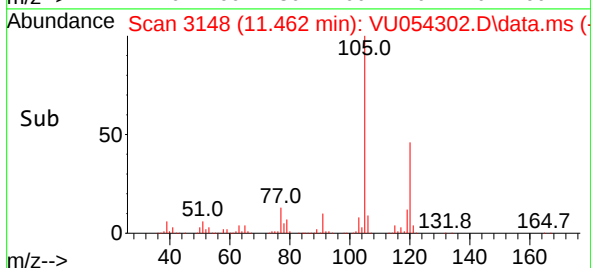
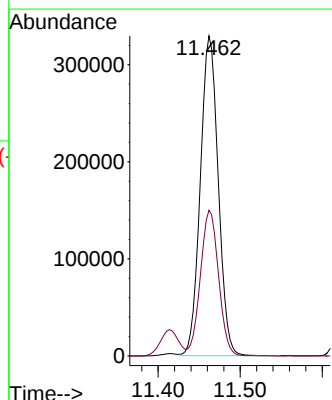
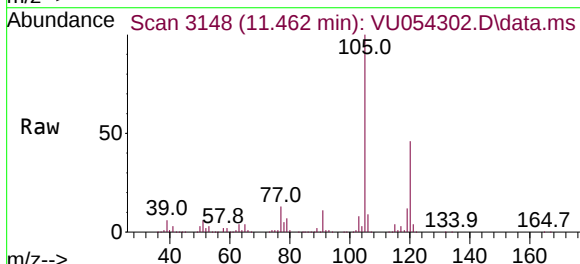
Ion	Ratio	Lower	Upper
119	100		
91	59.1	26.8	80.3
134	23.5	11.5	34.5

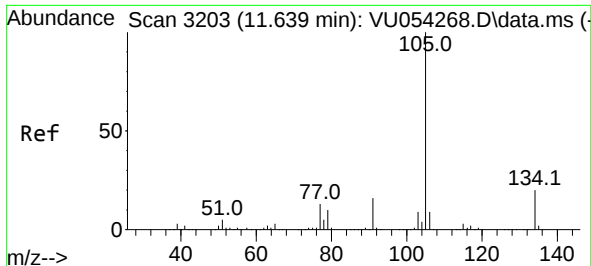


#84
 1,2,4-Trimethylbenzene
 Concen: 52.522 ug/l
 RT: 11.462 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

Tgt Ion:105 Resp: 499421

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.4	70.3

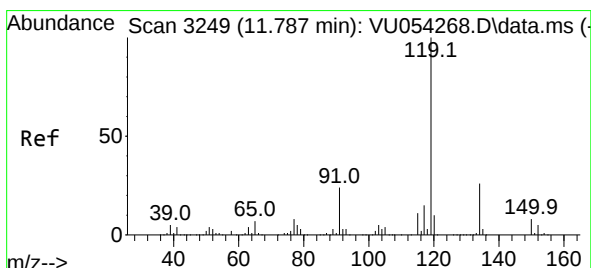
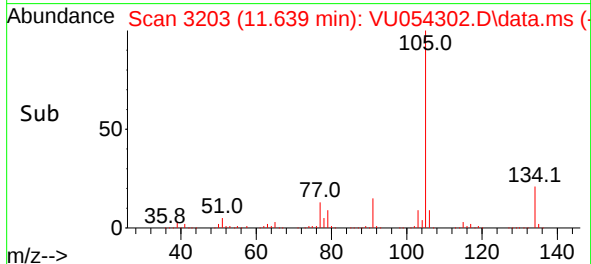
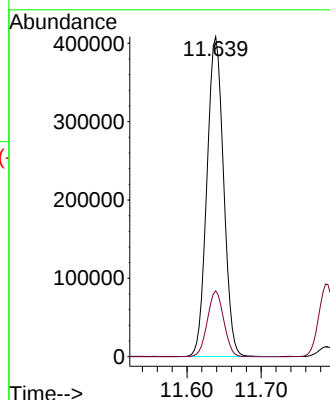
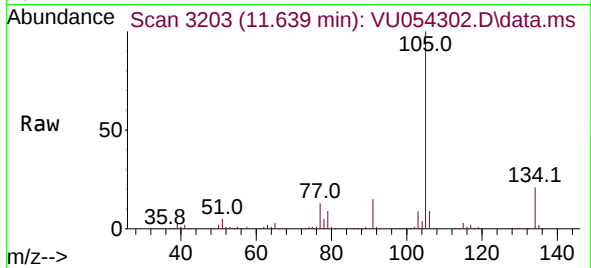




#85
 sec-Butylbenzene
 Concen: 52.231 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

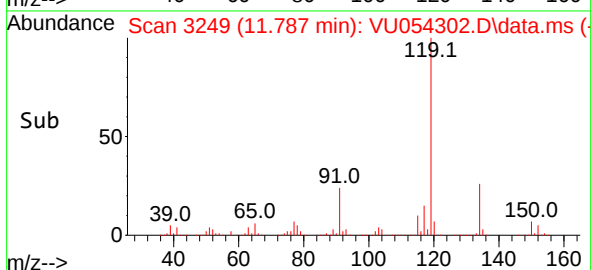
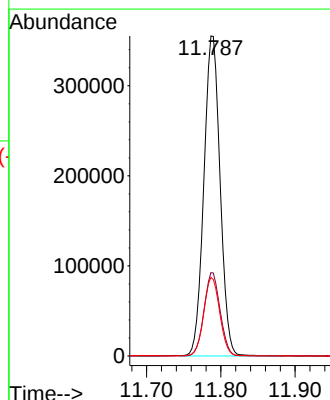
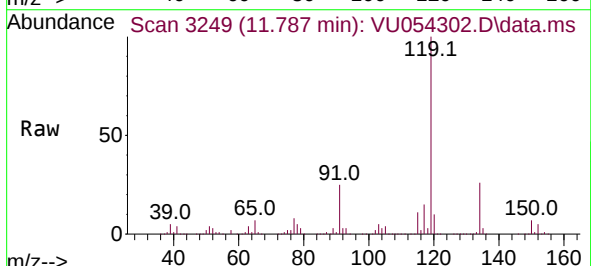
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

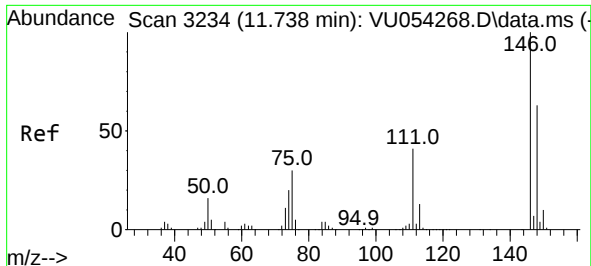
Tgt Ion:105 Resp: 633428
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 52.792 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

Tgt Ion:119 Resp: 538495
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.4
 91 24.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.975 ug/l

RT: 11.742 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

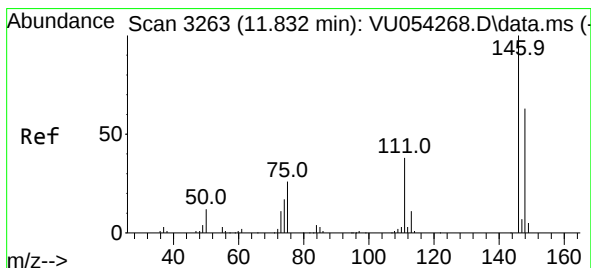
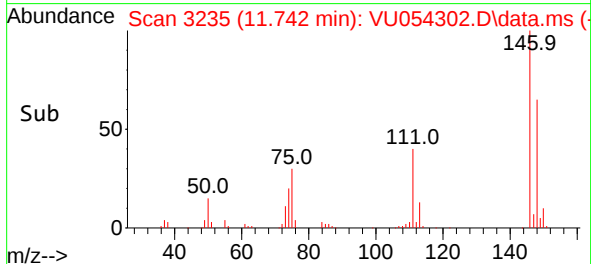
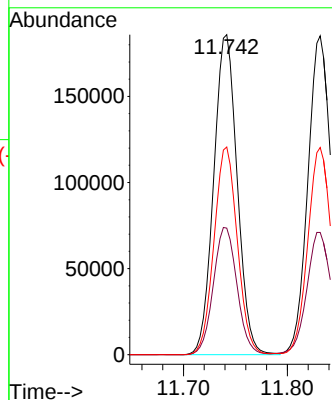
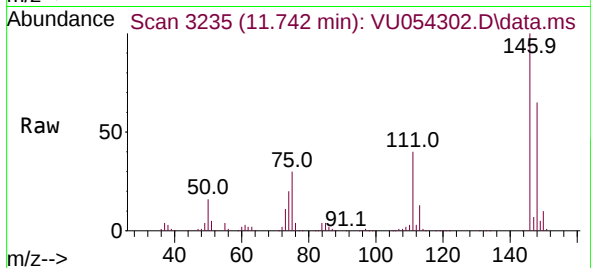
Tgt Ion:146 Resp: 292670

Ion Ratio Lower Upper

146 100

111 39.9 18.9 56.5

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.011 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

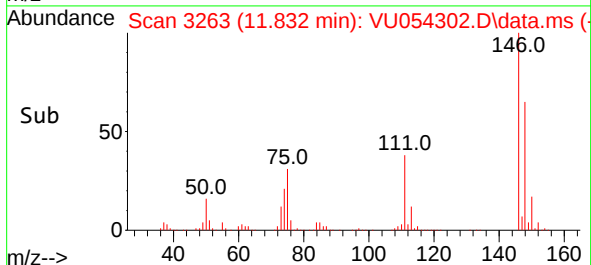
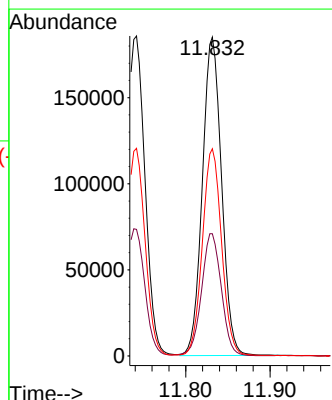
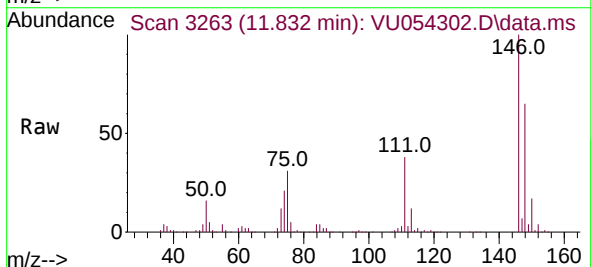
Tgt Ion:146 Resp: 293488

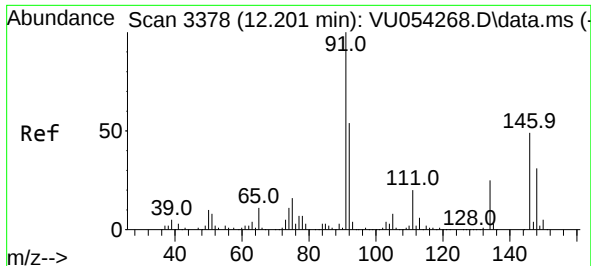
Ion Ratio Lower Upper

146 100

111 39.5 18.5 55.5

148 65.0 31.9 95.7

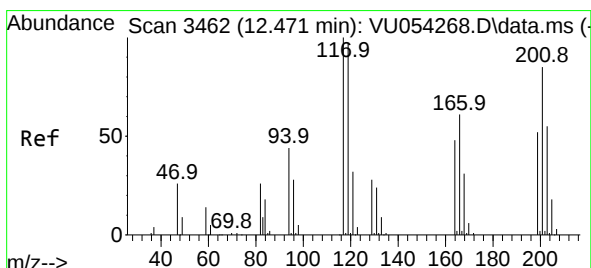
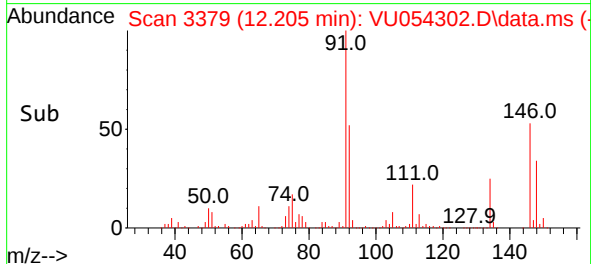
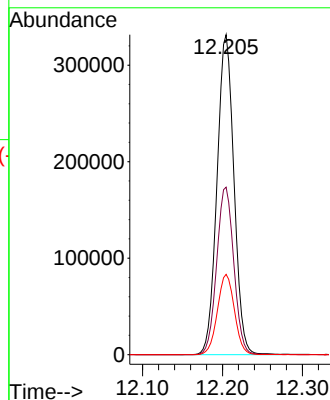
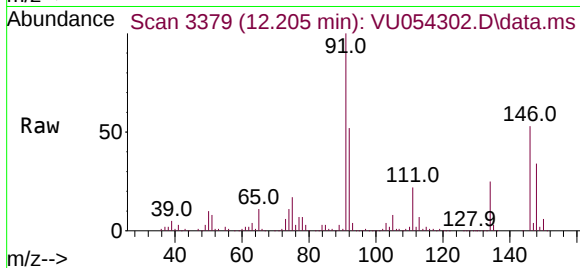




#89
n-Butylbenzene
Concen: 50.712 ug/l
RT: 12.205 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

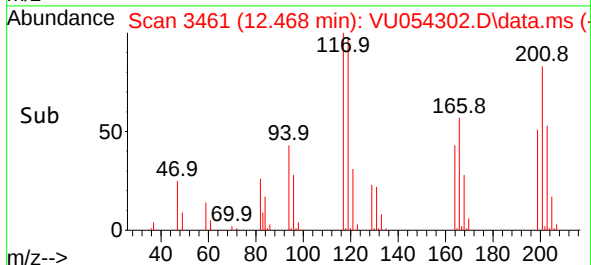
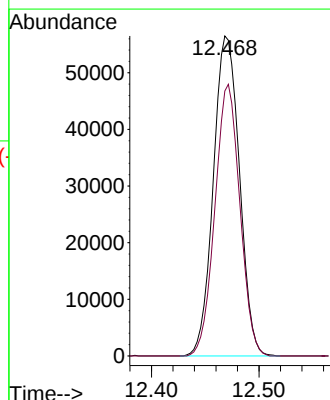
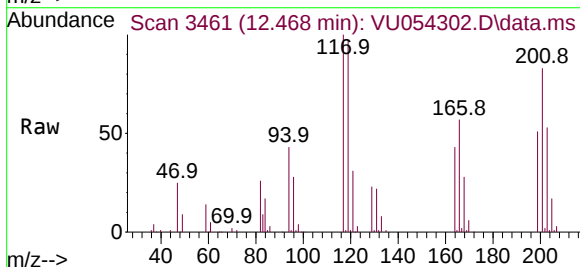
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

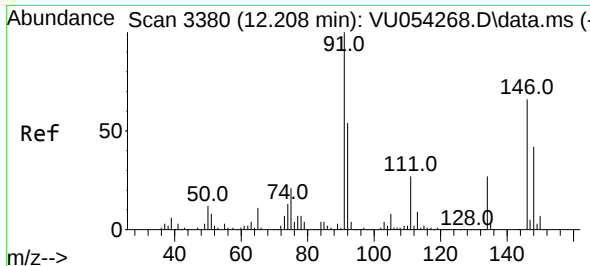
Tgt Ion: 91 Resp: 486916
Ion Ratio Lower Upper
91 100
92 53.0 26.2 78.6
134 25.3 13.5 40.4



#90
Hexachloroethane
Concen: 52.833 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054302.D
Acq: 30 May 2023 09:50

Tgt Ion: 117 Resp: 95338
Ion Ratio Lower Upper
117 100
201 81.2 44.6 134.0

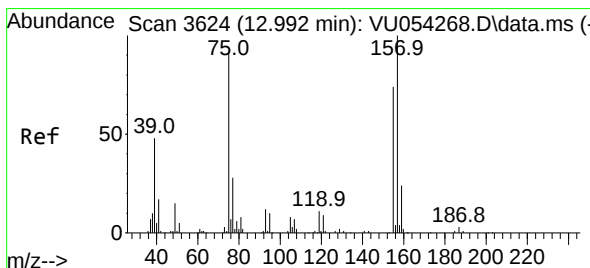
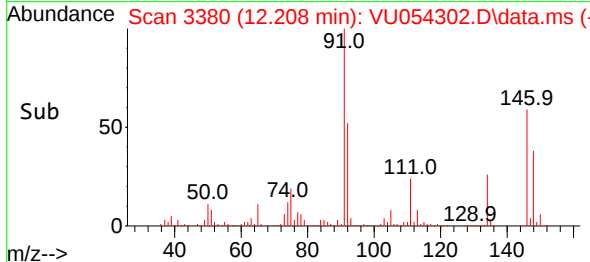
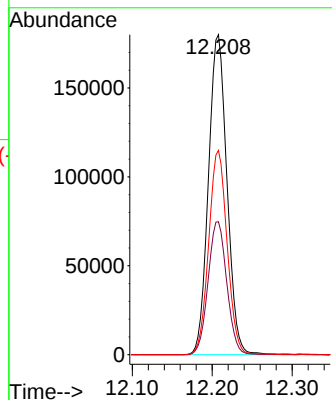
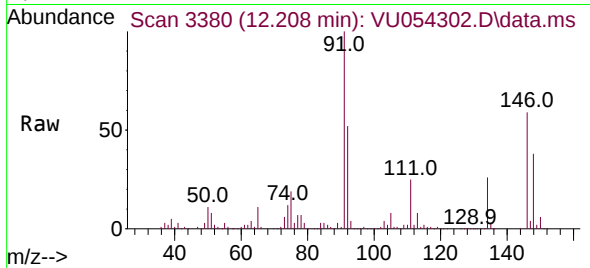




#91
 1,2-Dichlorobenzene
 Concen: 49.263 ug/l
 RT: 12.208 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

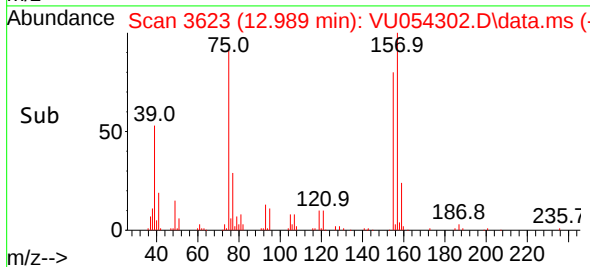
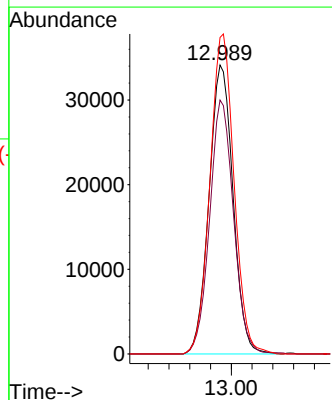
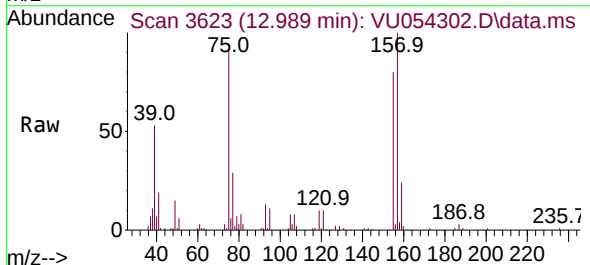
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 VSTDCCC050

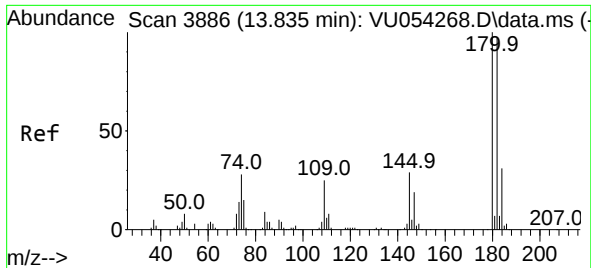
Tgt Ion:146 Resp: 289611
 Ion Ratio Lower Upper
 146 100
 111 42.0 19.9 59.6
 148 63.7 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.808 ug/l
 RT: 12.989 min Scan# 3623
 Delta R.T. -0.003 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

Tgt Ion: 75 Resp: 54770
 Ion Ratio Lower Upper
 75 100
 155 87.4 47.8 143.4
 157 111.3 62.2 186.5

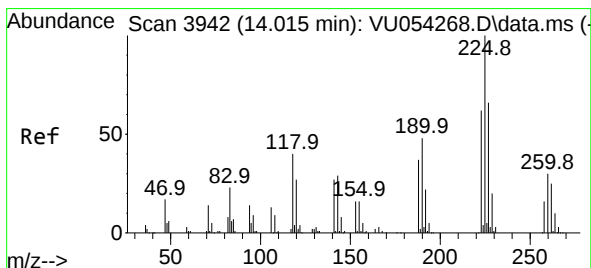
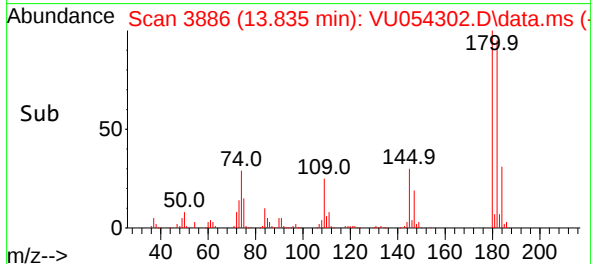
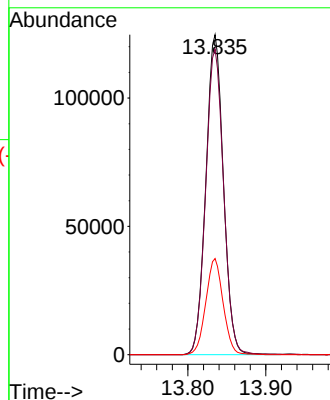
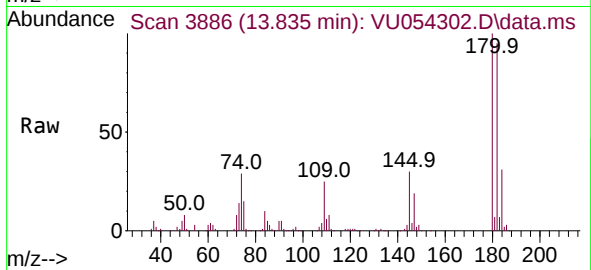




#93
 1,2,4-Trichlorobenzene
 Concen: 46.971 ug/l
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

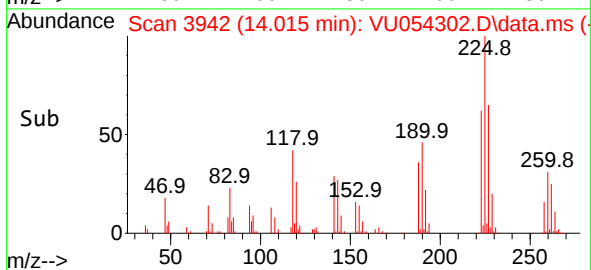
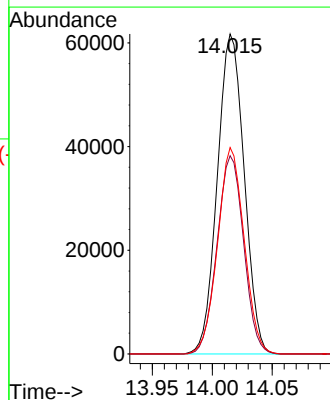
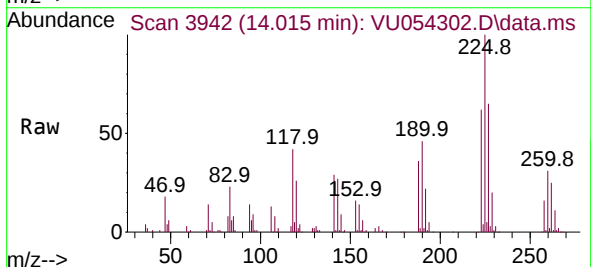
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

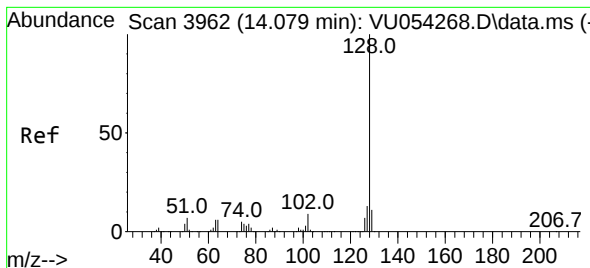
Tgt Ion:180 Resp: 195632
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.9 143.6
 145 29.7 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 49.647 ug/l
 RT: 14.015 min Scan# 3942
 Delta R.T. -0.000 min
 Lab File: VU054302.D
 Acq: 30 May 2023 09:50

Tgt Ion:225 Resp: 96029
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.3 93.9
 227 63.6 32.0 96.2





#95

Naphthalene

Concen: 45.813 ug/l

RT: 14.079 min Scan# 3962

Delta R.T. 0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

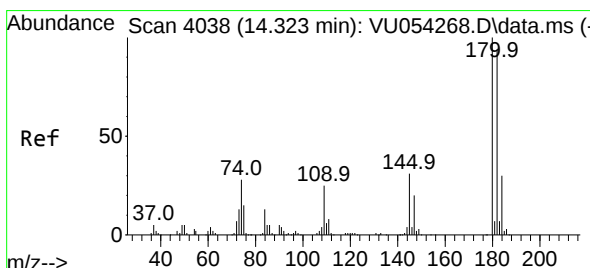
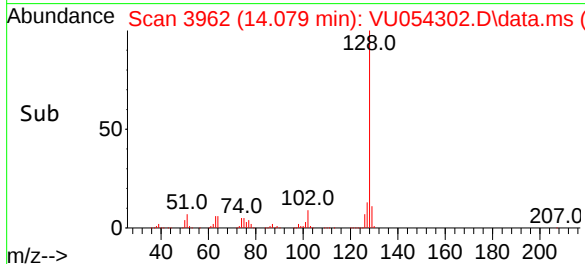
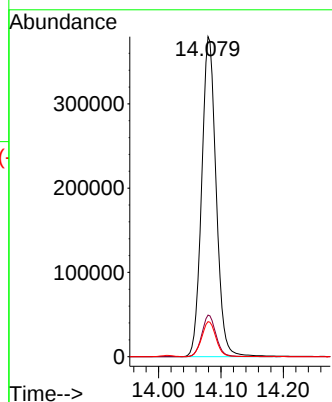
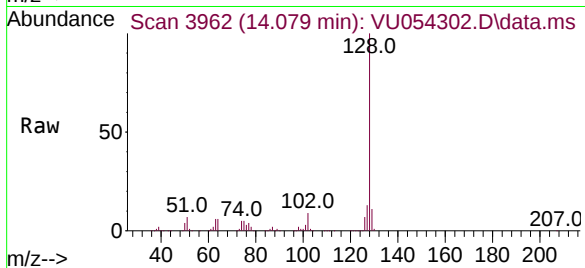
Tgt Ion:128 Resp: 612590

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.145 ug/l

RT: 14.323 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU054302.D

Acq: 30 May 2023 09:50

Tgt Ion:180 Resp: 194676

Ion Ratio Lower Upper

180 100

182 97.0 48.4 145.0

145 31.5 14.8 44.4

